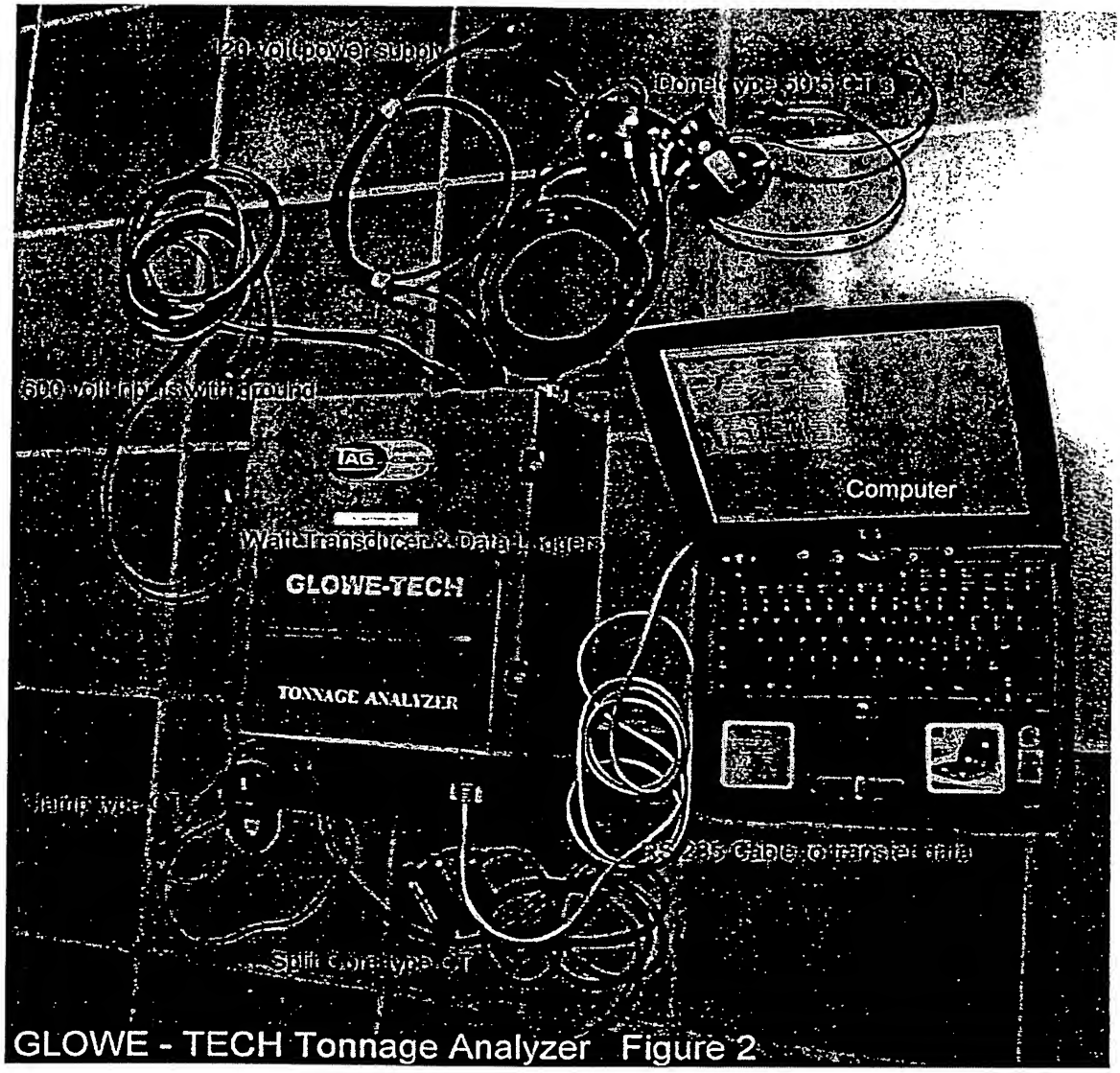
FIGURE 1

Typical set-up with computer recording live data converted to tonnage with belt scale monitor (top unit) showing actual tonnage moving over conveyor

FIGURE: 2



Item 1: 600 volt input wires for line 1, 2 & 3 for watt transducer & ground wire
Item 2: Donut type 50:5 CT`s for current input to watt transducer
Item 3: 120 volt power supply wire for watt transducer
Item 4: Clamp type CT for ampere method to collect data for tonnage conversion
Item 5: Split-Core CT for ampere method to collect data for tonnage conversion
Item 6: Instrument case with Watt Transducer installed
Item 7: Instrument case with ACR Data logger installed
Item 8: RS235 Cable to transfer data to computer
Item 9: Lap-top computer to collect data
Item 10: Screen showing live data and for display of Real-Time graph of data in Tonnes converted from kilowatts or amps

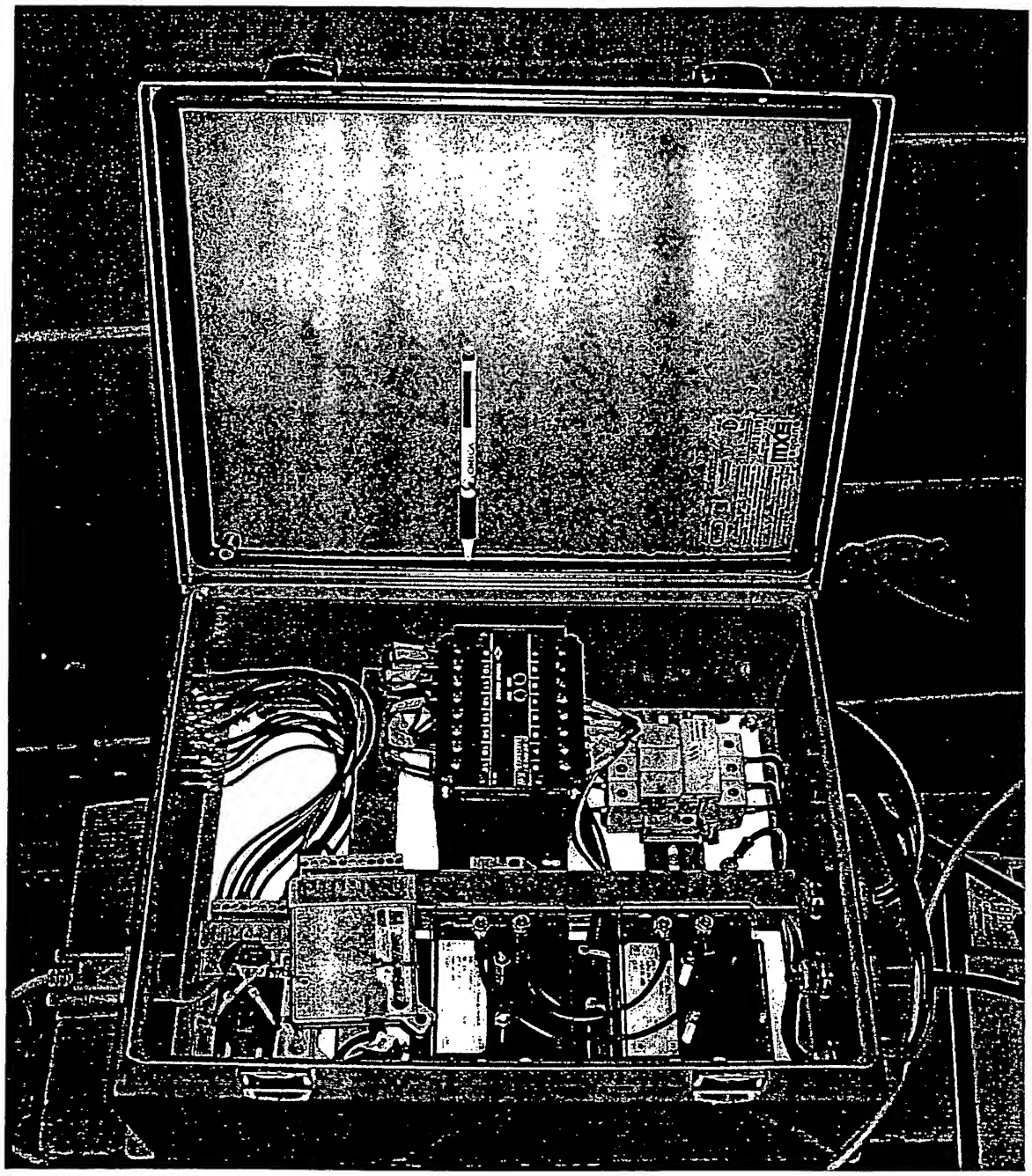


FIGURE 3:

GLOWE-TECH Tonnage Analyzer – Portable model with 2 Data Loggers capable of monitoring up to a total of 14 conveyor motors

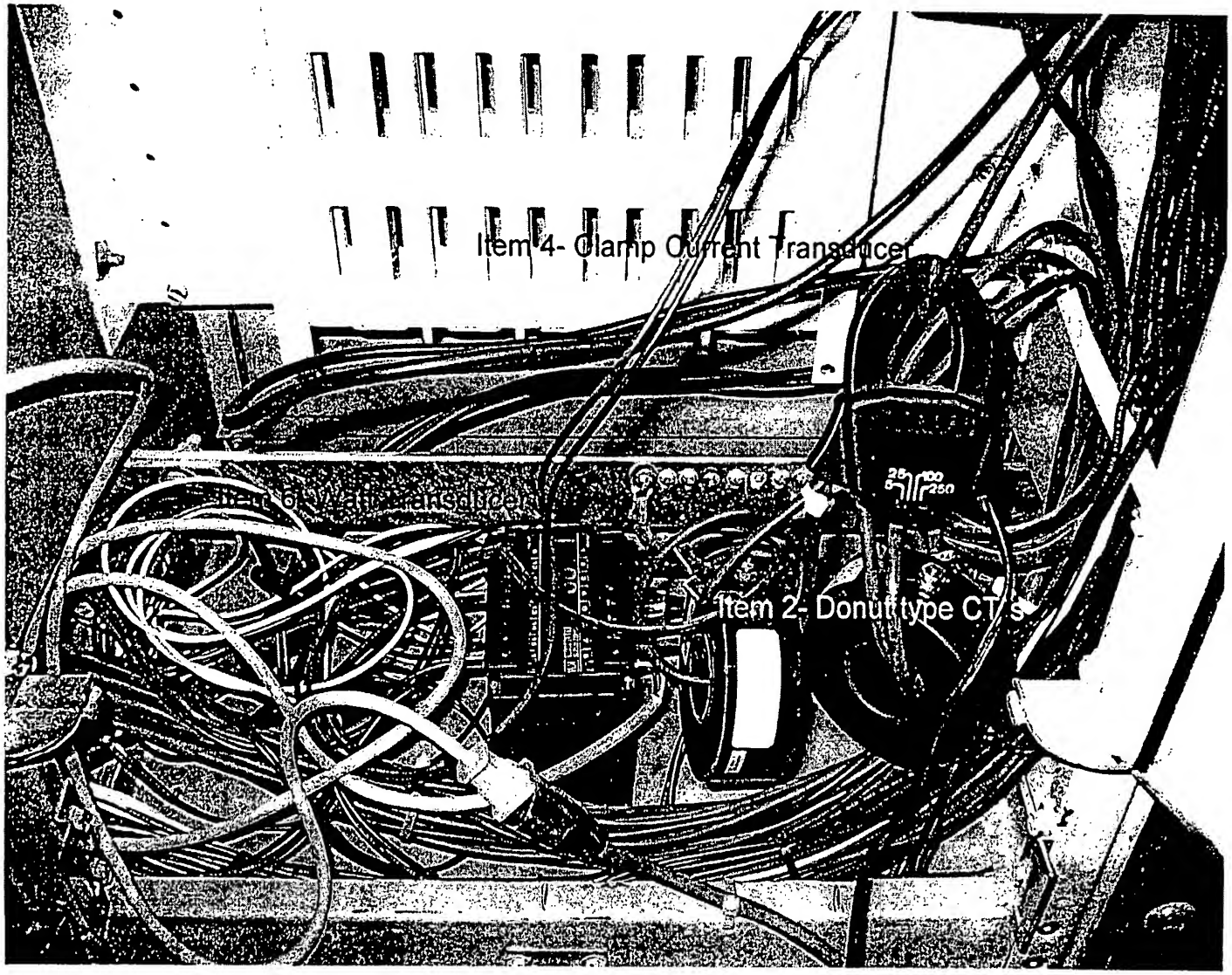
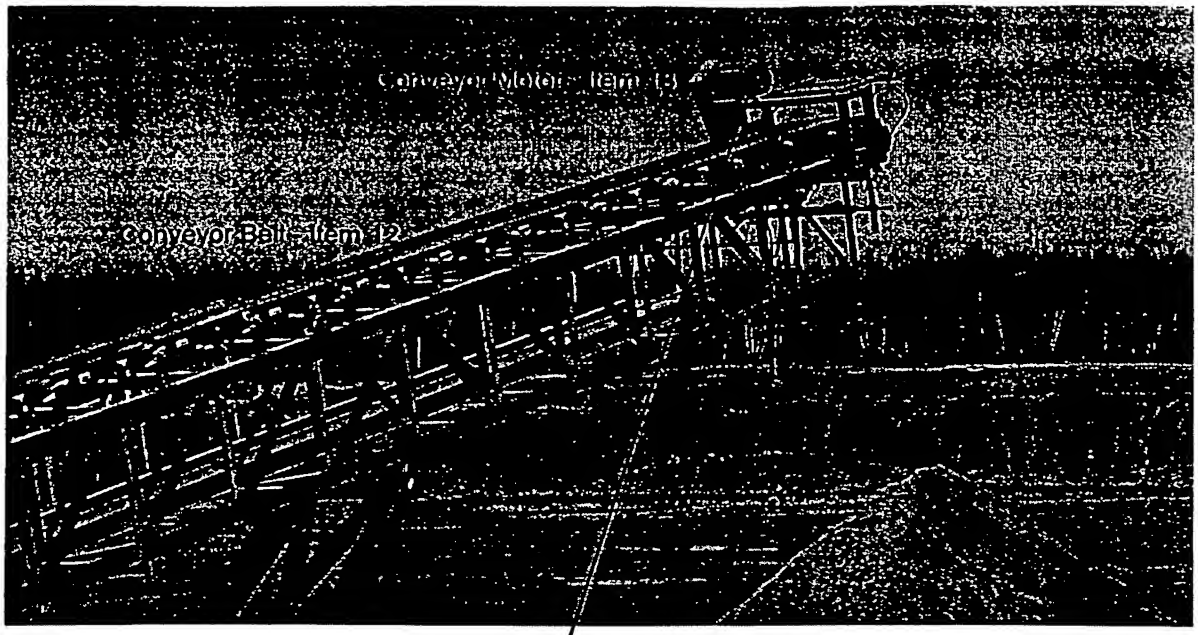


FIGURE 3b: Watt Transducer installation for Typical Conveyor Motor showing Clamp CT installed too



1

Wiring for Conveyor Drive Motor
Item 11

Watt Transducer or Current Transducer
Item 4, 5 or 6

Temperature sensor Item 16
Speed sensor Item 17
Tilt Sensor Item 18

GLOWE-TECH Tonnage Analyzer with Data Logger
Item 7

RS-235 Interface cable to Computer
Item 8

Lap-Top Computer for live
display of Tonnage & total tonnage
Item 9 & 10

Program Logic Controller (PLC)
Item 14

SCADA , Central Computer
Pocket PC (PDA) or
Touch Screen Industrial PC
Item 15

[1]FIGURE: 4 Schematic of Typical Conveyor Belt Motor Tonnage Conversion

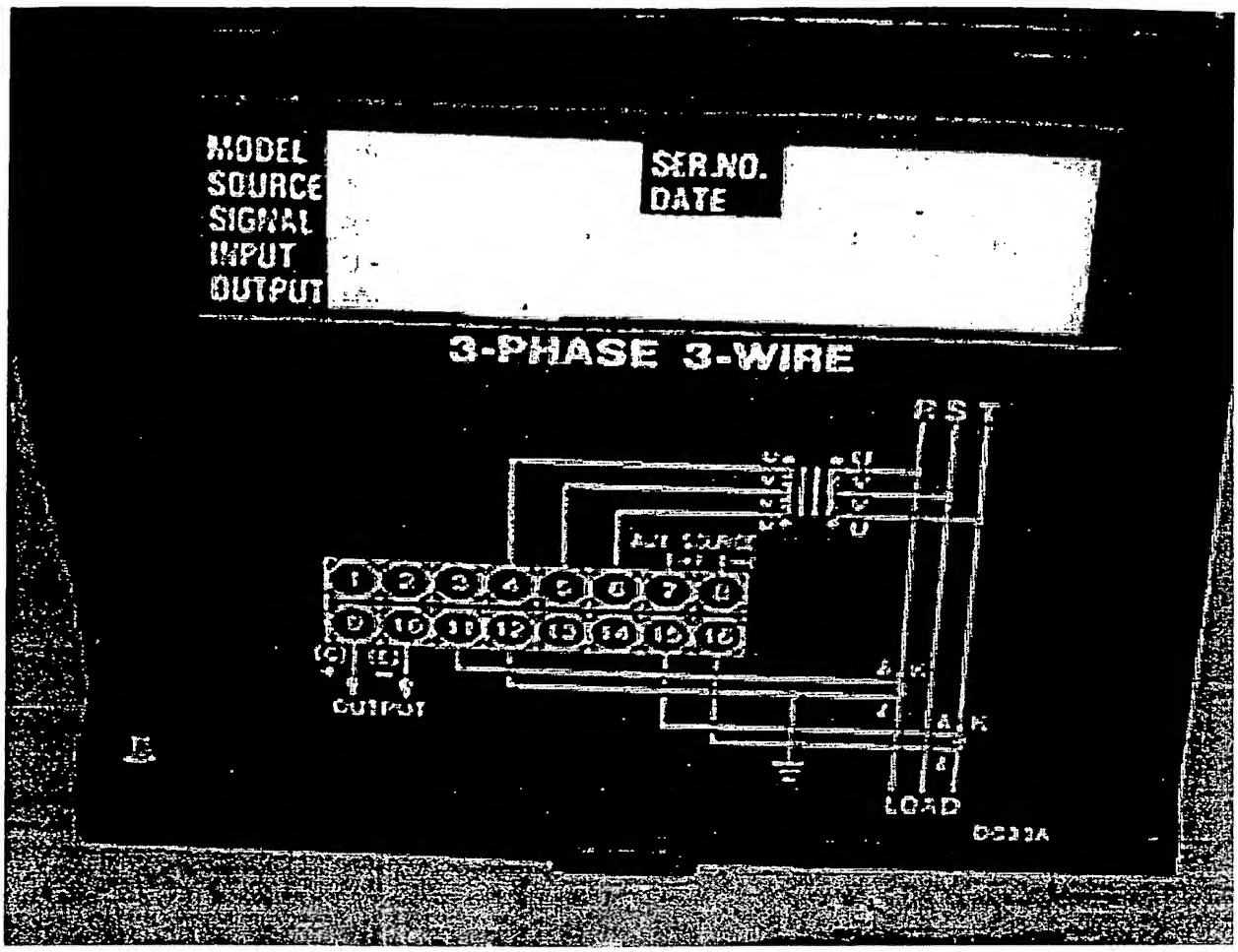
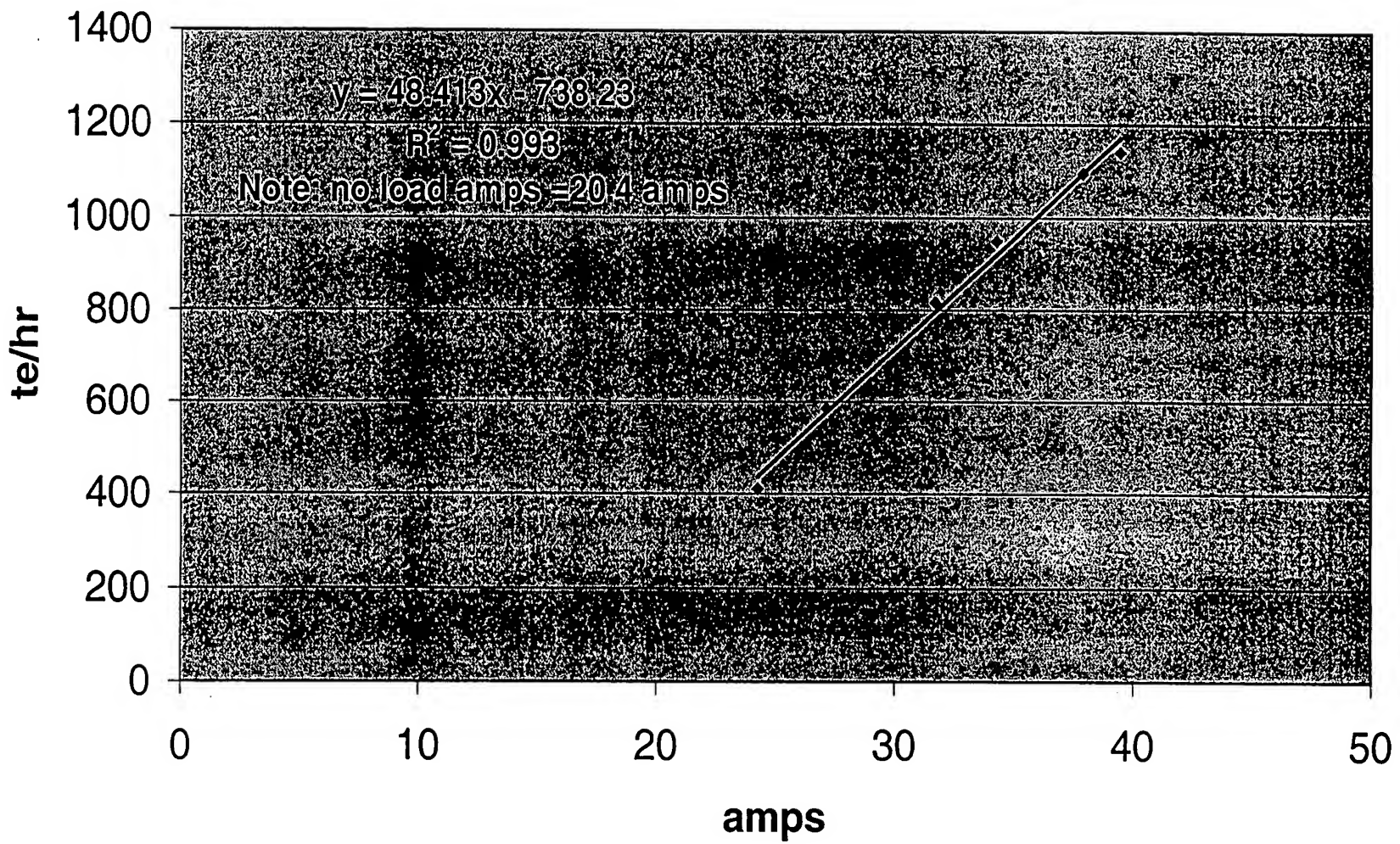


FIGURE: 5

GLOWE-TECH Typical wiring diagram for Watt Transducer

Graph amps to tonnes Figure: 6



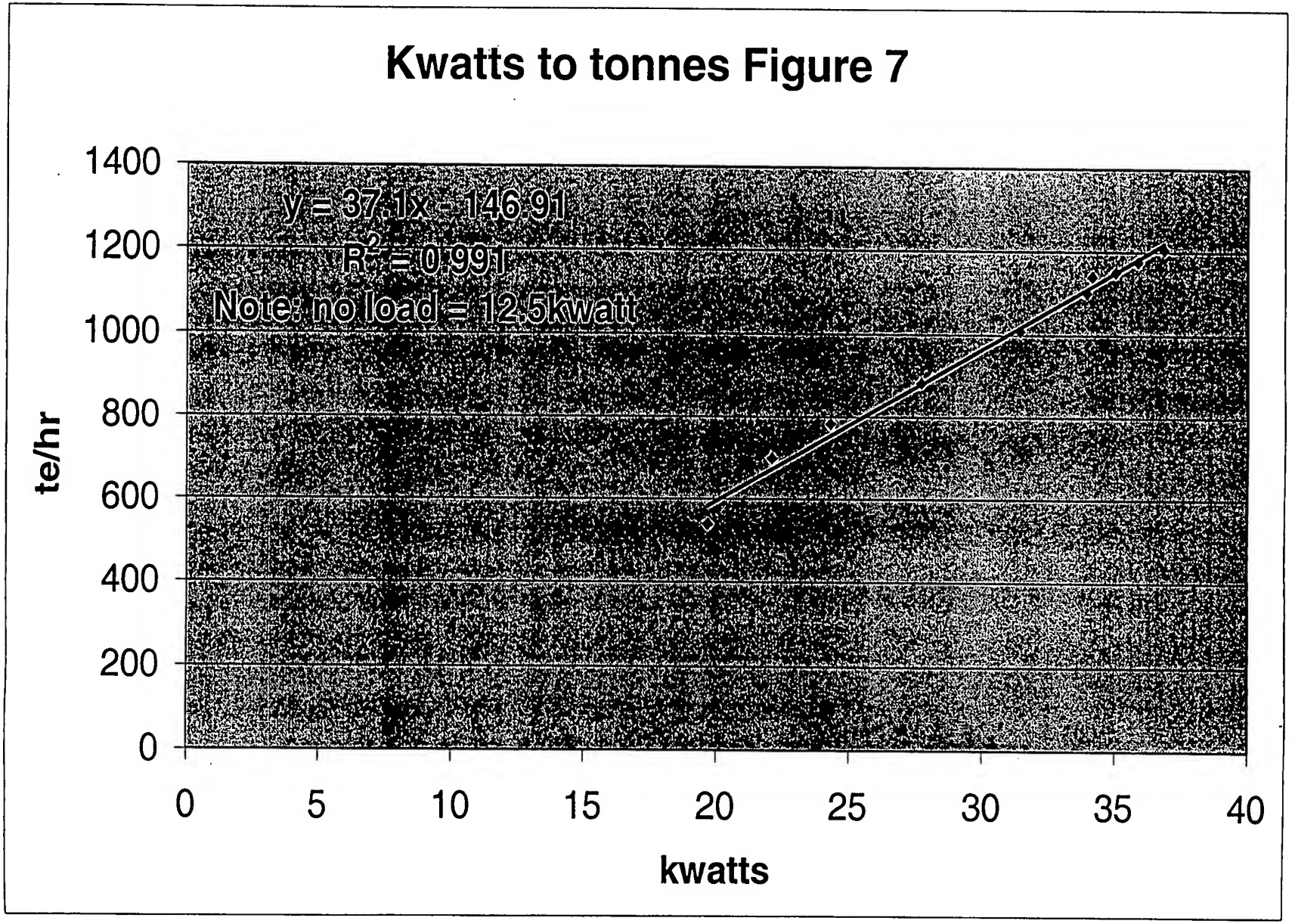

Kwatts to tonnes Figure 7
y = 37.1x - 146.91
R² = 0.991
Note: no load = 12.5kwatt
te/hr
1400
1200
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
40
kwatts

FIGURE: 8

Summary of Tonnage for Typical Conveyor using kwatts to tonnes

Date	Truck Count	actual Belt Scale tonnes	Corrected Belt Scale tonnes	kwatts conversion to tonnes	difference tonnes	amps conversion to tonnes	difference tonnes
15-Apr	126	6474.10	6474.10	6470.914	3.19	0	0
16-Apr	185	9552.40	9552.40	9404.079	148.32	9676.29	-123.89
17-Apr	145	7730.90	7730.90	7499.33	231.57	7753.309	-22.41
18-Apr	180	9451.50	9539.50	9412.356	127.14	9638.428	-98.93
19-Apr	166	8560.00	8665.00	8553.628	111.37	8737.455	-72.45
22-Apr	173	9138.00	9386.15	9447.105	-60.96	9465.383	-79.24
23-Apr	197	10453.00	10692.49	10717.322	-24.84	10323.369	369.12
24-Apr	159	7982.00	7982.00	8125.574	-143.57		
25-Apr	163	3705.00	3738.90	3773.876	-34.98		
26-Apr	164	8537.00	8757.00	8933.782	-176.78		
29-Apr	149	8150.00	8346.70	8418.175	-71.47		
30-Apr	156	8272.00	8482.00	8504.899	-22.90		
1-May	191	9901.00	10123.00	10138.142	-15.14		
2-May		10552.90	10758.00	10777.447	-19.45		
TOTAL		118459.80	120228.13	120176.629	51.50		

NOTE: Belt Scale tonnage was corrected for tonnage being added from April 18 to April 24th then taking off tonnage due to removal of rock end April 24 which had fallen on belt scale
NOTE: Apr 24 to May 2 scale was taking tonnes from scale display at 15 to 25 te/hr
NOTE:kwatt calibration formula used as per graph is 37.1x -146.91 for all readings April 15 to May 2
NOTE: Amp calibration formula used as per graph is 48.413x-738.13 for all readings

FIGURE 8b

Comparison Table showing difference in GLOWE-TECH Tonnage Analyzer Readings with Milltronics Belt Scale Readings

Date	Operating Time hours	No-Load time hours	Start-Up time hours	Production time-hours	Milltronics tonnes	GT Analyzer tonnes	Difference tonnes	difference %
6-May-02	7.367	1.813	0.064	5.490	2830.000	2769.730	60.270	2.13
7-May-02	10.930	2.176	0.196	8.558	4374.000	4377.165	-3.165	-0.07
8-May-02	7.117	1.796	0.027	5.294	2791.000	2776.820	14.180	0.51
9-May-02	6.830	1.187	0.116	5.527	3119.500	3096.503	22.997	0.74
10-May-02	10.650	1.242	0.044	9.364	4494.000	4531.777	-37.777	-0.84
13-May-02	10.430	7.158	0.007	3.265	1845.900	1888.235	-42.335	-2.29
14-May-02	8.817	5.402	0.031	3.384	1866.000	1866.000	0.000	0.00
15-May-02	10.867	1.502	0.080	9.285	4659.000	4680.243	-21.243	-0.46
16-May-02	11.033	2.380	0.011	8.642	4563.000	4582.861	-19.861	-0.44
17-May-02	9.067	1.620	0.009	7.438	3799.000	3761.421	37.579	0.99
20-May-02	8.967	1.389	0.009	7.569	3792.000	3791.384	0.616	0.02
21-May-02	10.883	1.778	0.009	9.096	4226.000	4199.993	26.007	0.62
22-May-02	10.750	1.620	0.138	8.992	3925.000	3921.740	3.260	0.08
23-May-02	7.880	1.311	0.009	6.560	3261.000	3206.395	54.605	1.67
TOTAL	131.588	32.374	0.750	98.464	49545.400	49450.267	95.133	

Note: Data taken from a conveyor belt feeding a secondary crusher.
Note: Potential of up to 33.124 hours of new production availabe in recording period.

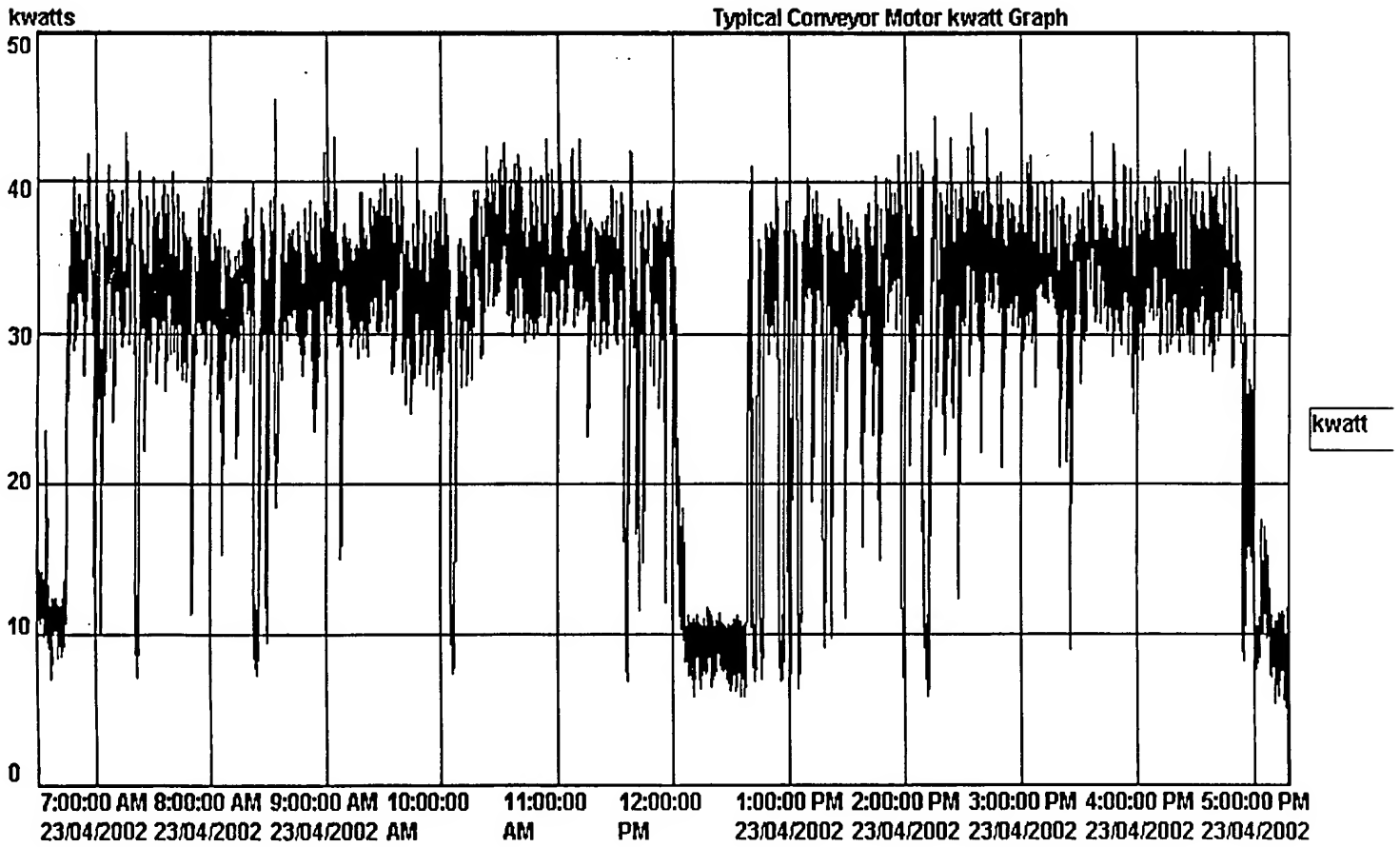


FIGURE: 9 kilowatt graph

FIGURE 10

TYPICAL Quarry Kwatts Converted to Tonnage Summary report

Temperature am		10.000	Degrees Celcius
Temperature pm		17.000	Degrees Celcius
No load kwatt =		13.600	
Start up kwatts =		21.000	
Time No-Load kwatt	134.533 minutes	2.242	hours
Time Start-Up kwatts	1.067 minutes	0.018	hours
Total Production time	11.676 hours	9.434	hours
Average kwatt for day		17.308	kwatts
Average Tonnage by formula		555.233	te/hr
Actual Scale Reading		5263.000	tonnes
Total tonnage by GT analyzer =		5237.943	tonnes
difference		-25.057	

5237.696 tonnes totalized

-25.3040 tonnes

Time of data Reading	Actual Kwatt Reading	Count No-Load	Count Over-load	Conditioned kwatt	tonnes/hour on conveyor	Tons/hr on conveyor
28/02/2003 6:00:05	0.1464615	1	0			
28/02/2003 6:00:13	0.1708718	1	0			
28/02/2003 6:00:21	0.1464615	1	0			
Break						
28/02/2003 17:39:17	17.45333	0	0	17.453	564.102	1.254
28/02/2003 17:39:25	17.89272	0	0	17.893	590.888	1.313
28/02/2003 17:39:33	17.25805	0	0	17.258	552.198	1.227
28/02/2003 17:39:41	17.33128	0	0	17.331	556.662	1.237
28/02/2003 17:39:49	17.136	0	0	17.136	544.758	1.211
28/02/2003 17:39:57	15.57374	0	0	15.574	449.521	0.999
28/02/2003 17:40:05	14.7682	0	0	14.768	400.414	0.890
28/02/2003 17:40:13	14.42646	0	0	14.426	379.581	0.844
28/02/2003 17:40:21	13.66974	0	0	13.670	333.451	0.741
28/02/2003 17:40:29	13.03508	1	0			

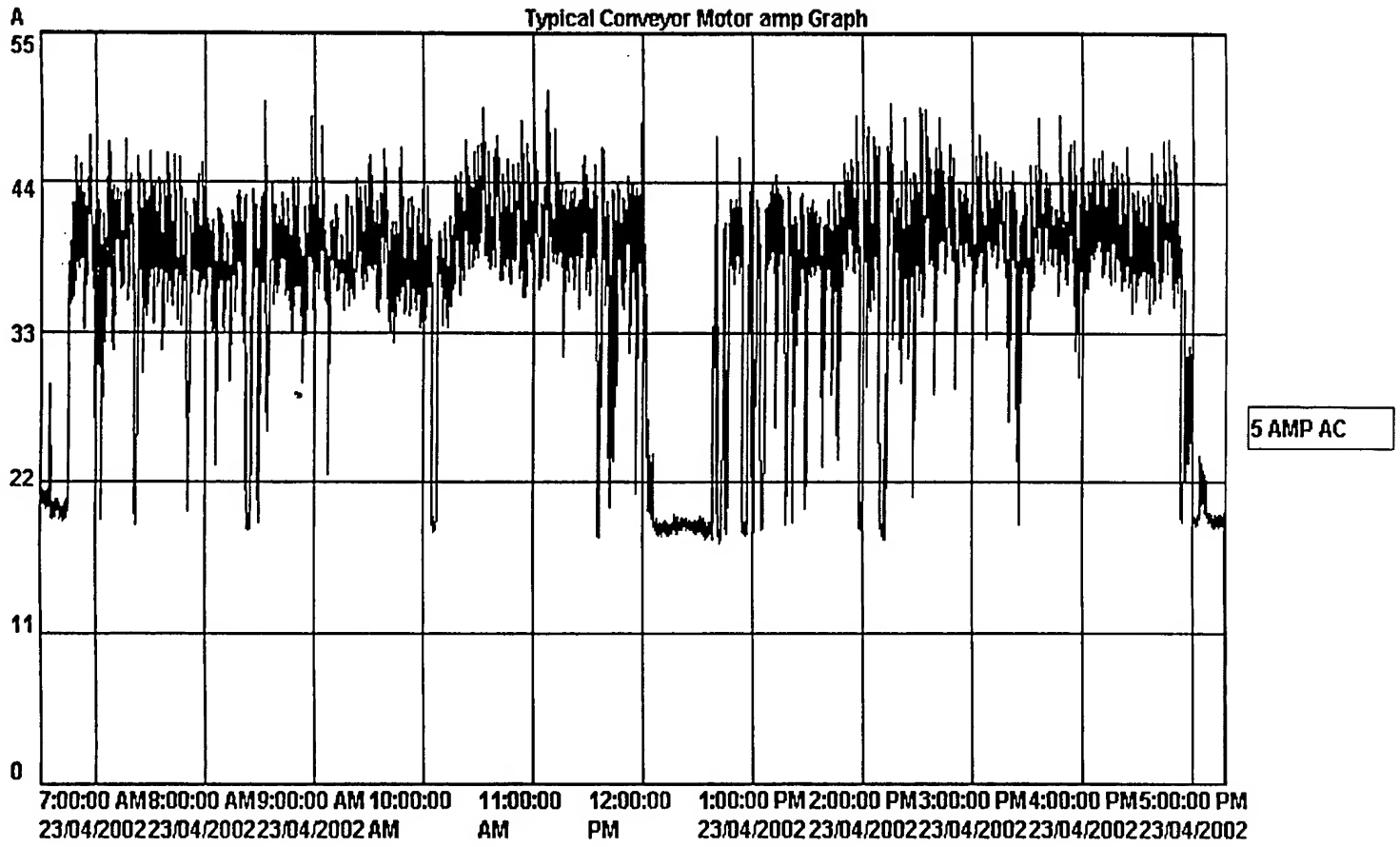


FIGURE: 11 amp Graph

TYPICAL Quarry Amps to tonnage Summary

FIGURE 12

Temperature	am			9.000	degrees C
Temperature	pm			15.000	degrees C
		No load current =	25.000		
		Start up current =	80.000		
Time no load amps	69.33 minutes			1.156 hours	
Time at start-up amps	5.87 minutes			0.098 hours	
Total Recording Time	11.709 hours			10.553	total hr production
Average current for day =			66.787		amps
Average Tonnage by formula =				496.592	tonnes
Total tonnes by Instrument				5240.756	tonnes
Total tonnes by scale				5184.000	tonnes
Difference				-56.756	tonnes

5240.7003 tonnes totalized

-56.700 tonnes

Time of reading	Actual Amps	Count no load	Count > startup Amps	Conditioned Amps	Tons/ hour on conveyor	Tons/hr on conveyor
12/02/2003 6:00:04	20.30774	1	0			
12/02/2003 6:00:12	20.26378	1	0			
12/02/2003 6:00:20	20.26378	1	0			
BREAK						
12/02/2003 17:41:00	60.22648	0	0	60.226	428.974	0.9533
12/02/2003 17:41:08	59.25929	0	0	59.259	419.006	0.9311
12/02/2003 17:41:16	60.71008	0	0	60.710	433.959	0.9644
12/02/2003 17:41:24	60.00667	0	0	60.007	426.709	0.9482
12/02/2003 17:41:32	56.31374	0	0	56.314	388.646	0.8637
12/02/2003 17:41:40	52.79667	0	0	52.797	352.395	0.7831
12/02/2003 17:41:48	46.77369	0	0	46.774	290.316	0.6451
12/02/2003 17:41:56	42.99284	0	0	42.993	251.347	0.5585
12/02/2003 17:42:04	37.45346	0	0	37.453	194.253	0.4317
12/02/2003 17:42:12	32.52956	0	0	32.530	143.502	0.3189
12/02/2003 17:42:20	27.60566	0	0	27.606	92.752	0.2061
12/02/2003 17:42:28	24.57219	1	0			

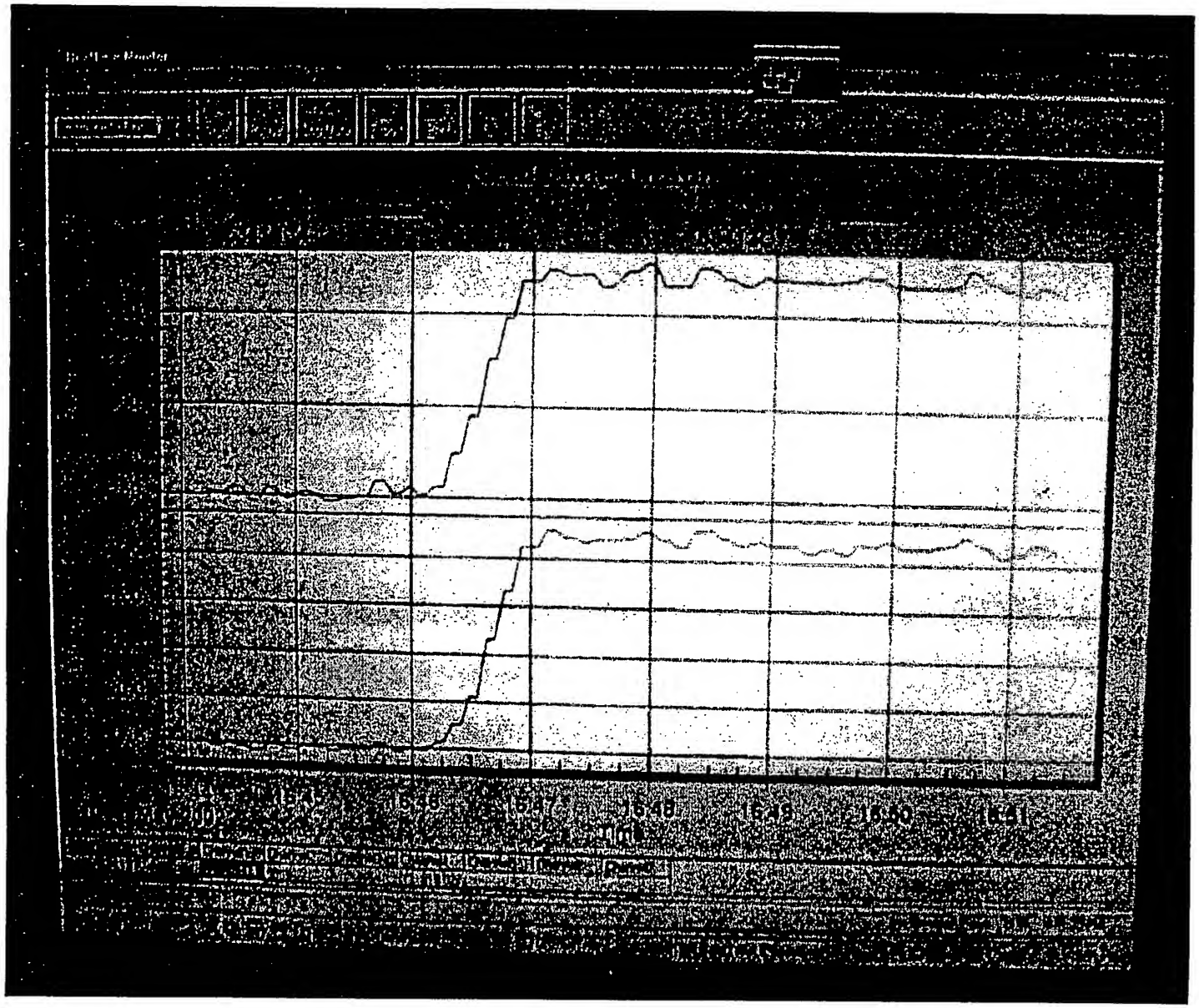
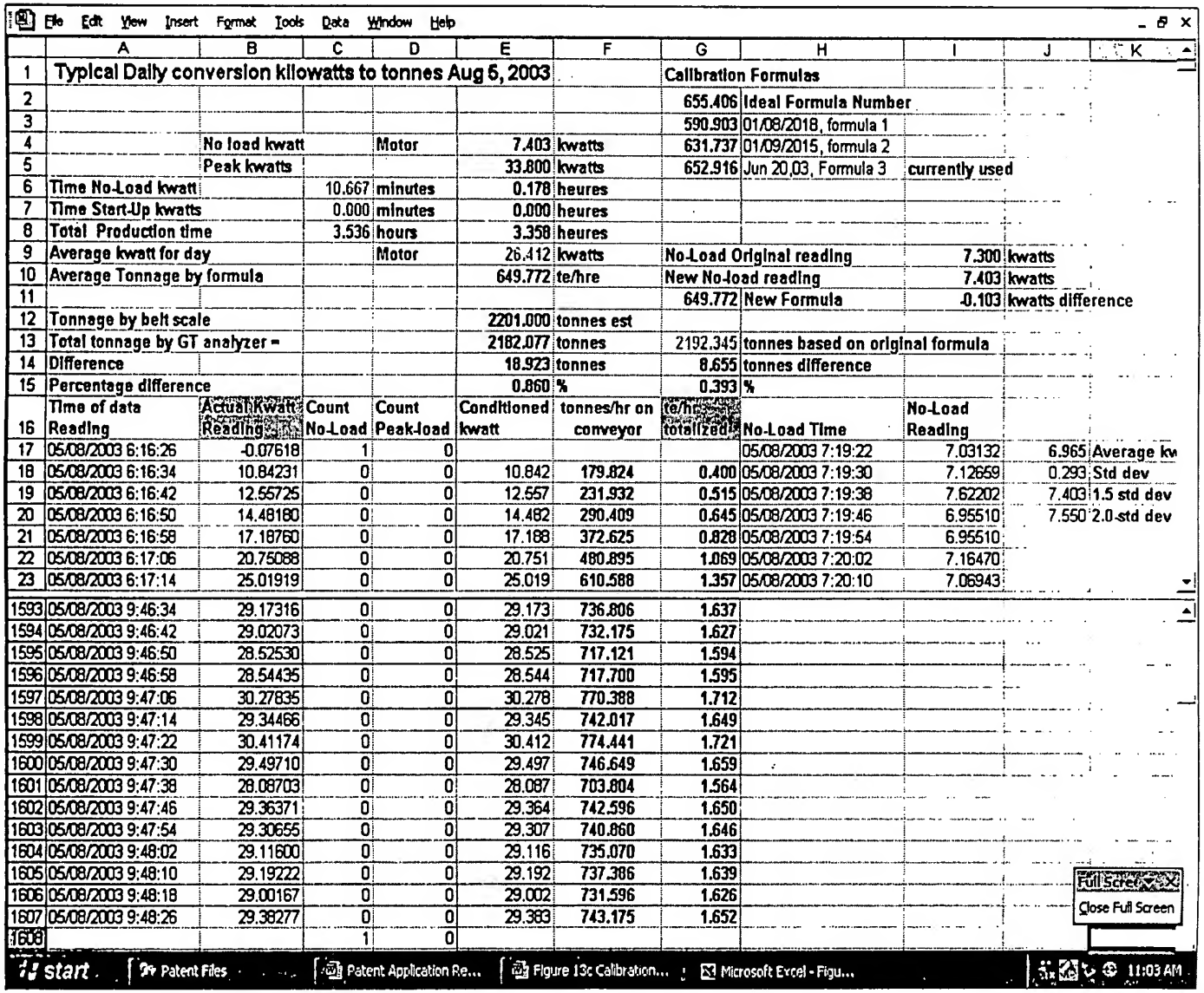


FIGURE 13a: - Typical Real Time Graph showing te/hr converted from Watt Transducer and a Real Time Graph of Amperage readings from the same Conveyor motor for parallel conversion to Tonnage for demonstration purposes.



	A	B	C	D	E	F	G	H	I	J	K
1	Typical Daily conversion kilowatts to tonnes Aug 6, 2003						Calibration Formulas				
2							655.406	Ideal Formula Number			
3							590.903	01/08/2018, formula 1			
4		No load kwatt		Motor	7.403	kwatts	631.737	01/09/2015, formula 2			
5		Peak kwatts			33.800	kwatts	652.916	Jun 20,03, Formula 3	currently used		
6	Time No-Load kwatt		10.667	minutes	0.178	heures					
7	Time Start-Up kwatts		0.000	minutes	0.000	heures					
8	Total Production time		3.536	hours	3.358	heures					
9	Average kwatt for day			Motor	26.412	kwatts	No-Load Original reading		7.300	kwatts	
10	Average Tonnage by formula				649.772	te/hre	New No-load reading		7.403	kwatts	
11							649.772	New Formula	-0.103	kwatts difference	
12	Tonnage by belt scale				2201.000	tonnes est					
13	Total tonnage by GT analyzer =				2182.077	tonnes	2192.345	tonnes based on original formula			
14	Difference				18.923	tonnes	8.655	tonnes difference			
15	Percentage difference				0.860	%	0.393	%			
16	Time of data Reading	Actual Kwatt Reading	Count No-Load	Count Peak-load	Conditioned kwatt	tonnes/hr on conveyor	te/hr totalized	No-Load Time	No-Load Reading		
17	05/08/2003 6:16:26	-0.07618	1	0				05/08/2003 7:19:22	7.03132	6.965	Average kw
18	05/08/2003 6:16:34	10.84231	0	0	10.842	179.824	0.400	05/08/2003 7:19:30	7.12659	0.293	Std dev
19	05/08/2003 6:16:42	12.55725	0	0	12.557	231.932	0.515	05/08/2003 7:19:38	7.62202	7.403	1.5 std dev
20	05/08/2003 6:16:50	14.48180	0	0	14.482	290.409	0.645	05/08/2003 7:19:46	6.95510	7.550	2.0 std dev
21	05/08/2003 6:16:58	17.18760	0	0	17.188	372.625	0.828	05/08/2003 7:19:54	6.95510		
22	05/08/2003 6:17:06	20.75088	0	0	20.751	480.895	1.069	05/08/2003 7:20:02	7.16470		
23	05/08/2003 6:17:14	25.01919	0	0	25.019	610.588	1.357	05/08/2003 7:20:10	7.06943		
1593	05/08/2003 9:46:34	29.17316	0	0	29.173	736.806	1.637				
1594	05/08/2003 9:46:42	29.02073	0	0	29.021	732.175	1.627				
1595	05/08/2003 9:46:50	28.52530	0	0	28.525	717.121	1.594				
1596	05/08/2003 9:46:58	28.54435	0	0	28.544	717.700	1.595				
1597	05/08/2003 9:47:06	30.27835	0	0	30.278	770.388	1.712				
1598	05/08/2003 9:47:14	29.34466	0	0	29.345	742.017	1.649				
1599	05/08/2003 9:47:22	30.41174	0	0	30.412	774.441	1.721				
1600	05/08/2003 9:47:30	29.49710	0	0	29.497	746.649	1.659				
1601	05/08/2003 9:47:38	28.08703	0	0	28.087	703.804	1.564				
1602	05/08/2003 9:47:46	29.36371	0	0	29.364	742.596	1.650				
1603	05/08/2003 9:47:54	29.30655	0	0	29.307	740.860	1.646				
1604	05/08/2003 9:48:02	29.11600	0	0	29.116	735.070	1.633				
1605	05/08/2003 9:48:10	29.19222	0	0	29.192	737.386	1.639				
1606	05/08/2003 9:48:18	29.00167	0	0	29.002	731.596	1.626				
1607	05/08/2003 9:48:26	29.38277	0	0	29.383	743.175	1.652				
1608			1	0							

Figure 13b Typical Daily Summary Table with Stable No-Load reading

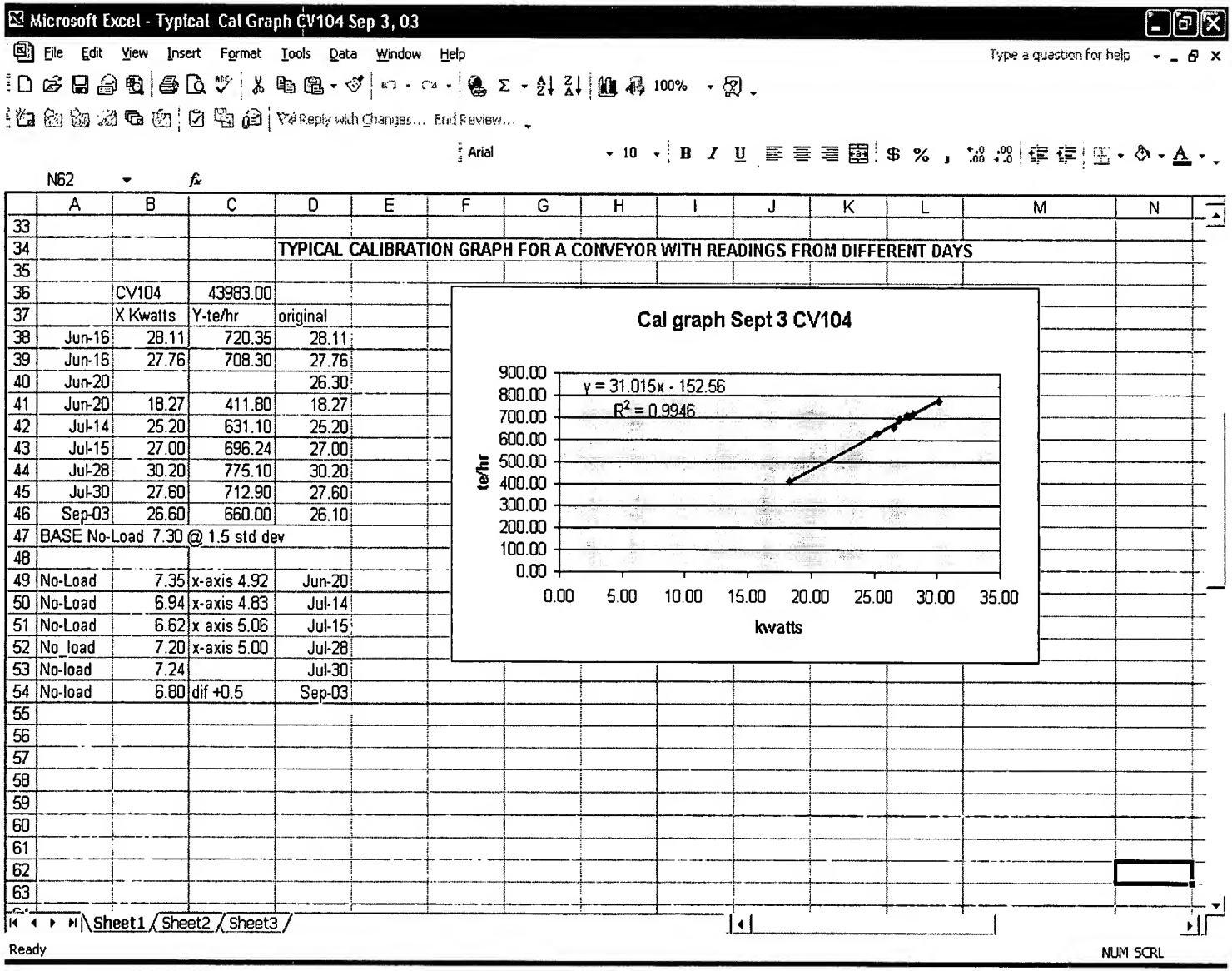

Microsoft Excel - Typical Cal Graph CV104 Sep 3, 03
File Edit View Insert Format Tools Data Window Help
Type a question for help
Arial 10
N62
TYPICAL CALIBRATION GRAPH FOR A CONVEYOR WITH READINGS FROM DIFFERENT DAYS
CV104 43983.00
X Kwatts Y-te/hr original
Jun-16 28.11 720.35 28.11
Jun-16 27.76 708.30 27.76
Jun-20 26.30
Jun-20 18.27 411.80 18.27
Jul-14 25.20 631.10 25.20
Jul-15 27.00 696.24 27.00
Jul-28 30.20 775.10 30.20
Jul-30 27.60 712.90 27.60
Sep-03 26.60 660.00 26.10
BASE No-Load 7.30 @ 1.5 std dev
No-Load 7.35 x-axis 4.92 Jun-20
No-Load 6.94 x-axis 4.83 Jul-14
No-Load 6.62 x axis 5.06 Jul-15
No_load 7.20 x-axis 5.00 Jul-28
No-load 7.24 Jul-30
No-load 6.80 dif +0.5 Sep-03
Cal graph Sept 3 CV104
y = 31.015x - 152.56
R2 = 0.9946
te/hr
kwatts
0.00 100.00 200.00 300.00 400.00 500.00 600.00 700.00 800.00 900.00
0.00 5.00 10.00 15.00 20.00 25.00 30.00 35.00
Sheet1 Sheet2 Sheet3
Ready
NUM SCRL

Figure 13c

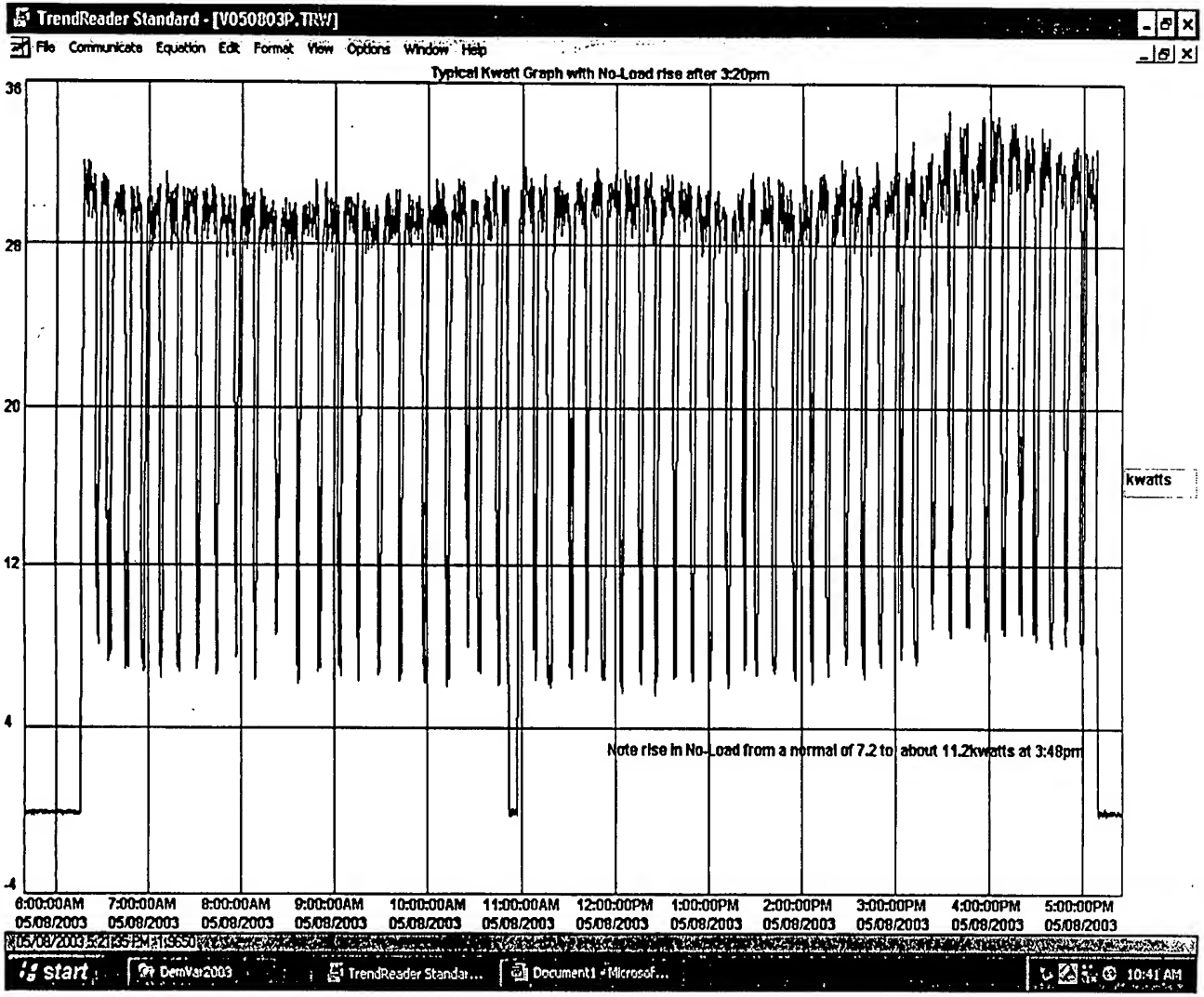


FIGURE 13d Typical Kilowatt Graph showing effect of change in No-Load caused by Friction on return side of Conveyor

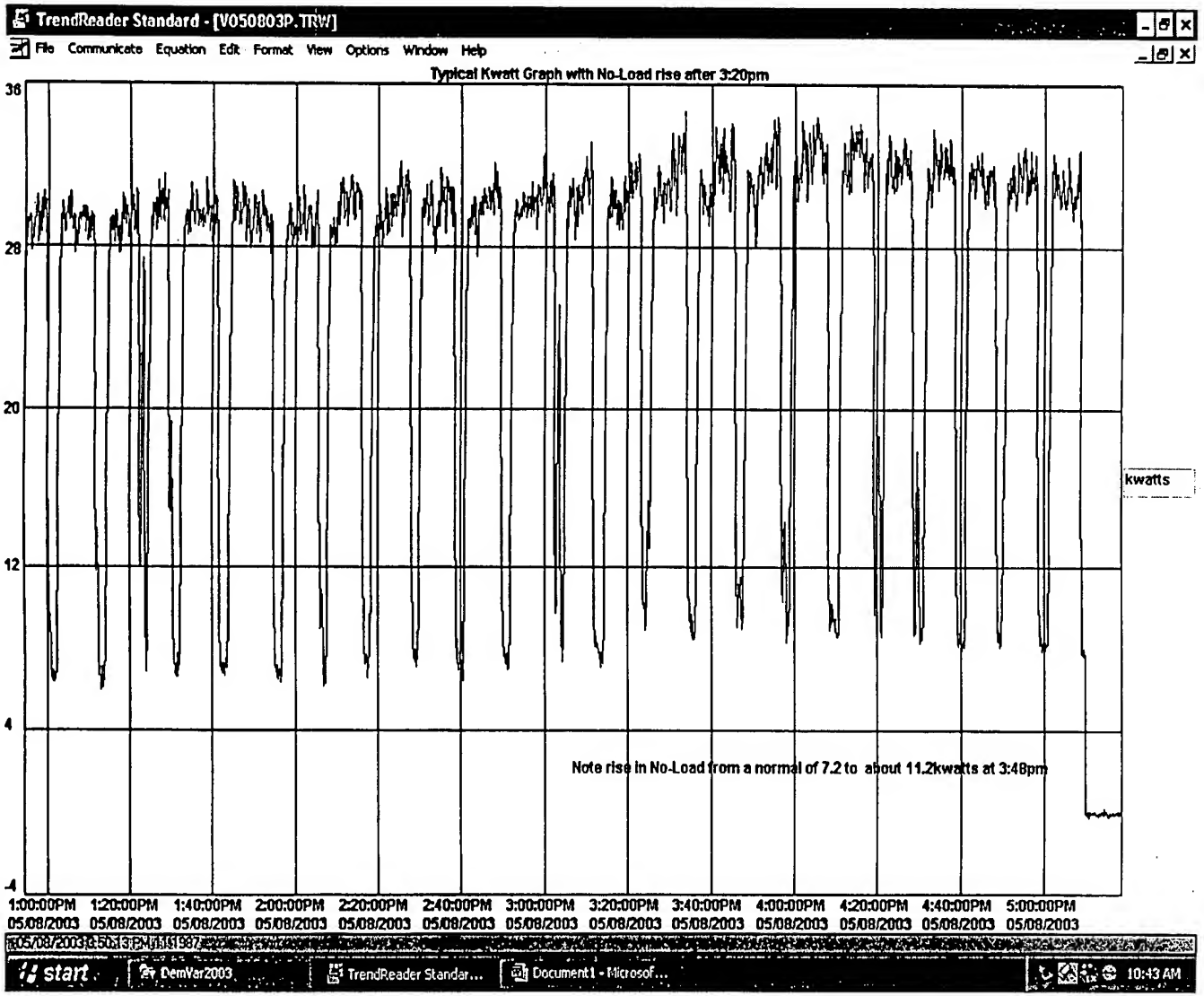
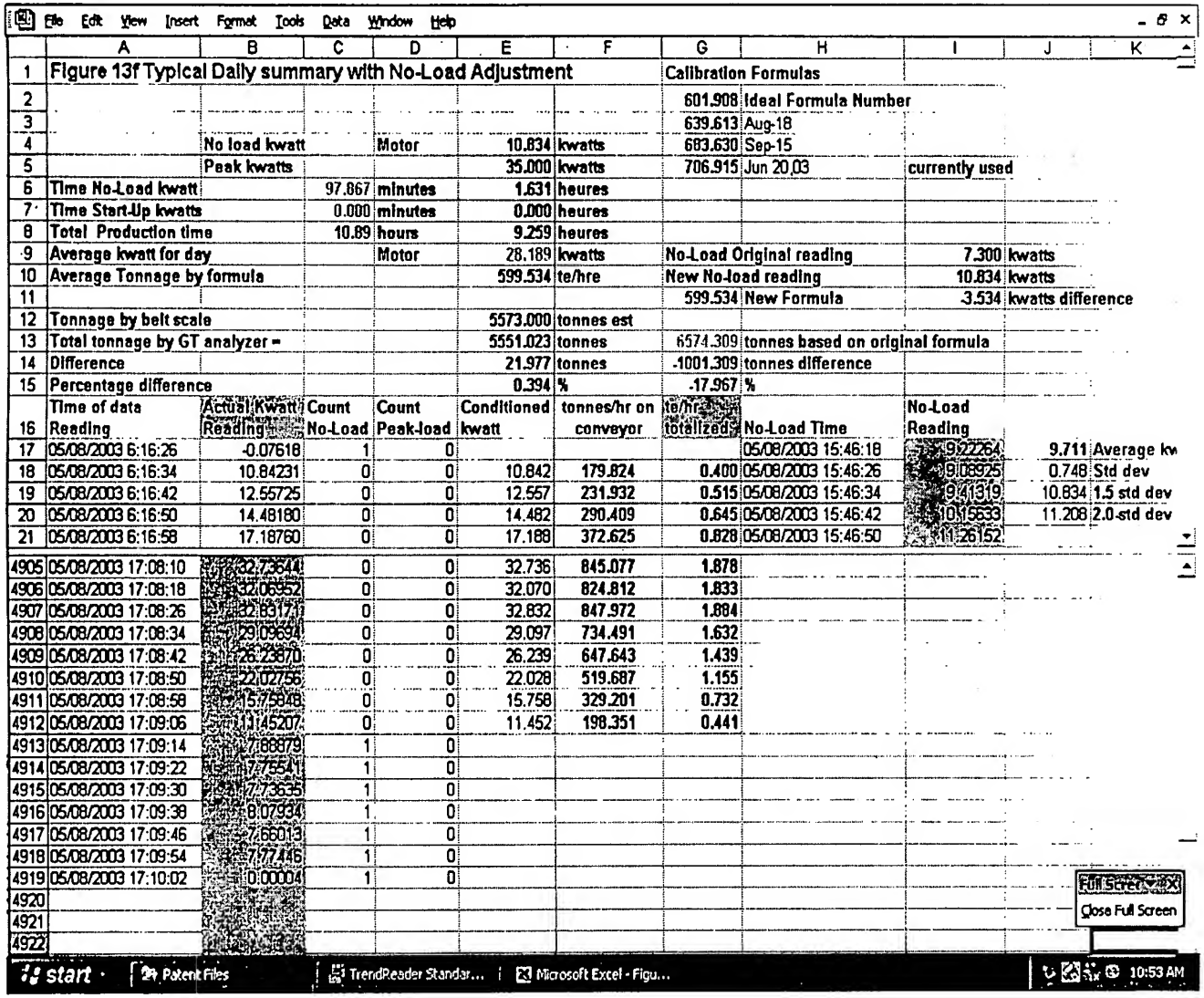


Figure 13e Enlarged view of change in No-Load readings caused by friction on Return Conveyor belt



	A	B	C	D	E	F	G	H	I	J	K
1	Figure 13f Typical Daily summary with No-Load Adjustment						Calibration Formulas				
2							601.908	Ideal Formula Number			
3							639.613	Aug-18			
4		No load kwatt		Motor	10.834	kwatts	683.630	Sep-15			
5		Peak kwatts			35.000	kwatts	706.915	Jun 20,03	currently used		
6	Time No-Load kwatt		97.867	minutes	1.631	heures					
7	Time Start-Up kwatts		0.000	minutes	0.000	heures					
8	Total Production time		10.89	hours	9.259	heures					
9	Average kwatt for day			Motor	28.189	kwatts	No-Load Original reading		7.300	kwatts	
10	Average Tonnage by formula				599.534	te/hre	New No-load reading		10.834	kwatts	
11							599.534	New Formula	-3.534	kwatts difference	
12	Tonnage by belt scale				5573.000	tonnes est					
13	Total tonnage by GT analyzer =				5551.023	tonnes	6574.309	tonnes based on original formula			
14	Difference				21.977	tonnes	-1001.309	tonnes difference			
15	Percentage difference				0.394	%	-17.967	%			
16	Time of data Reading	Actual Kwatt Reading	Count No-Load	Count Peak-load	Conditioned kwatt	tonnes/hr on conveyor	te/hr totalized	No-Load Time	No-Load Reading		
17	05/08/2003 6:16:26	-0.07618	1	0				05/08/2003 15:46:18	9.22264	9.711	Average kw
18	05/08/2003 6:16:34	10.84231	0	0	10.842	179.824	0.400	05/08/2003 15:46:26	9.08925	0.748	Std dev
19	05/08/2003 6:16:42	12.55725	0	0	12.557	231.932	0.515	05/08/2003 15:46:34	9.41319	10.834	1.5 std dev
20	05/08/2003 6:16:50	14.48180	0	0	14.482	290.409	0.645	05/08/2003 15:46:42	10.15533	11.208	2.0-std dev
21	05/08/2003 6:16:58	17.18760	0	0	17.188	372.625	0.828	05/08/2003 15:46:50	11.26152		
4905	05/08/2003 17:08:10	32.73644	0	0	32.736	845.077	1.878				
4906	05/08/2003 17:08:18	32.06952	0	0	32.070	824.812	1.833				
4907	05/08/2003 17:08:26	32.83171	0	0	32.832	847.972	1.884				
4908	05/08/2003 17:08:34	29.09694	0	0	29.097	734.491	1.632				
4909	05/08/2003 17:08:42	26.23870	0	0	26.239	647.643	1.439				
4910	05/08/2003 17:08:50	22.02756	0	0	22.028	519.687	1.155				
4911	05/08/2003 17:08:58	15.75848	0	0	15.758	329.201	0.732				
4912	05/08/2003 17:09:06	11.45207	0	0	11.452	198.351	0.441				
4913	05/08/2003 17:09:14	7.68879	1	0							
4914	05/08/2003 17:09:22	7.75541	1	0							
4915	05/08/2003 17:09:30	7.73635	1	0							
4916	05/08/2003 17:09:38	8.07934	1	0							
4917	05/08/2003 17:09:46	7.66013	1	0							
4918	05/08/2003 17:09:54	7.77446	1	0							
4919	05/08/2003 17:10:02	0.00004	1	0							
4920											
4921											
4922											

Figure 13f Daily Summary Showing Impact of No-Load Adjustment due to dirt build up at 3:20pm

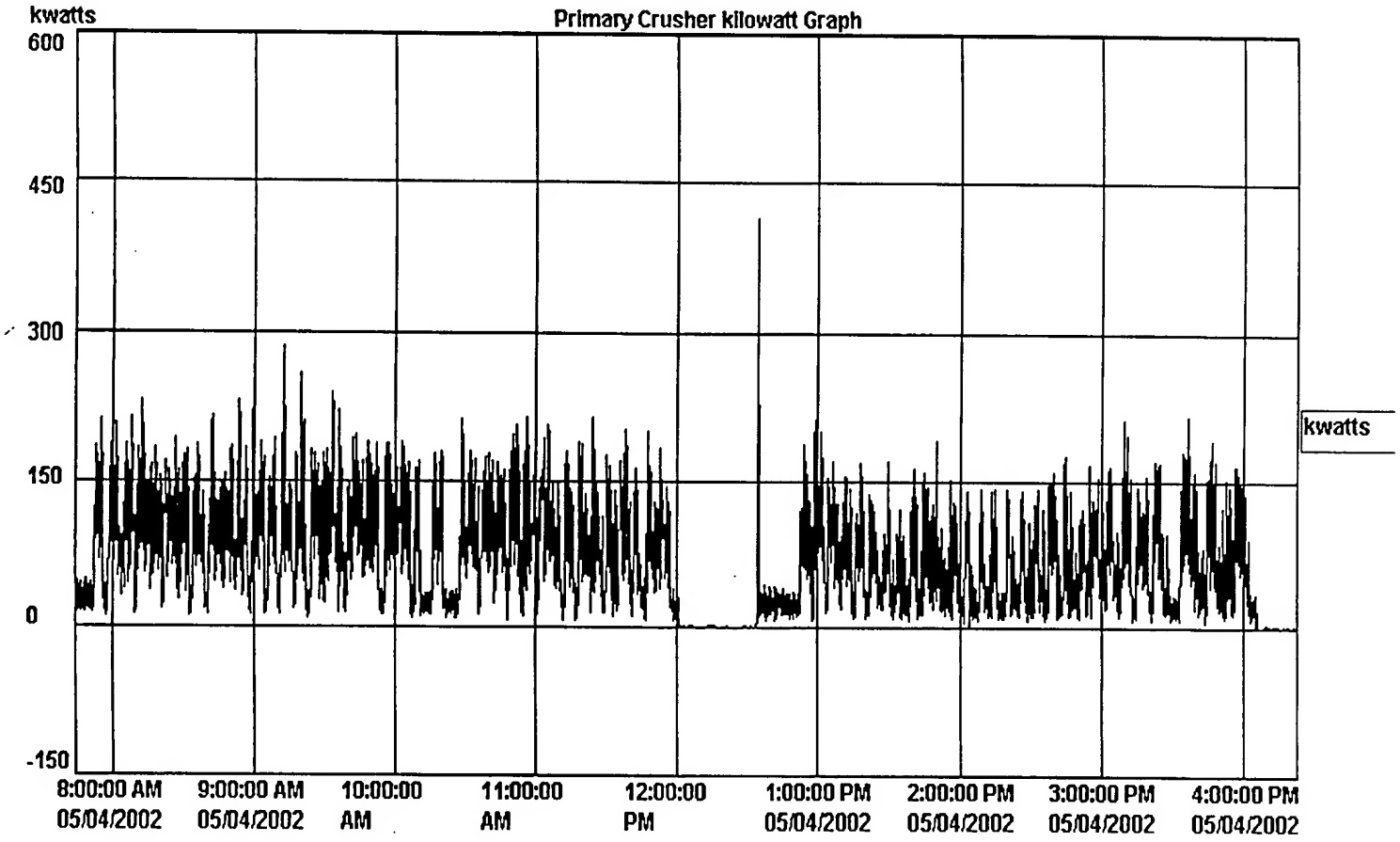


Figure 14: Typical Primary Crusher Graph

FIGURE 15

Typical Primary Crusher kwatt report

	No load kwatt =			30.000 kwatts
	Start up kwatts =			410.000 kwatts
Time No-Load kwatt		144.400	minutes	2.407 hours
Time Start-Up kwatts		0.133	minutes	0.002 hours
Total production time	10 hrs 23 min	10.383	hours	7.974 hours actual
Total tonnes on Primary Conveyor Belt Scale				7713.0 tonnes
Average kwatt for day				91.785
Total kwatts crushing				731.906 kwatts
Total te/kwatt crushed				10.538 te/kwatt

Time of data Reading	Actual Kwatt Reading	Count No-Load	Count Over-load	Conditioned kwatt
05/04/2002 7:24:33	0.811	1	0	
05/04/2002 7:24:41	4.358	1	0	
05/04/2002 7:24:49	1.520	1	0	
05/04/2002 7:24:57	0.811	1	0	
05/04/2002 7:25:05	0.811	1	0	
05/04/2002 7:25:13	2.027	1	0	
05/04/2002 7:25:21	2.939	1	0	
05/04/2002 7:25:29	3.851	1	0	
05/04/2002 7:25:37	2.230	1	0	
05/04/2002 7:25:45	3.243	1	0	
05/04/2002 7:25:53	1.317	1	0	
05/04/2002 7:26:01	2.331	1	0	
05/04/2002 7:26:09	2.939	1	0	
05/04/2002 7:26:17	1.013	1	0	
05/04/2002 7:26:25	0.811	1	0	
05/04/2002 7:26:33	1.926	1	0	
05/04/2002 7:26:41	2.534	1	0	
05/04/2002 7:26:49	1.115	1	0	
05/04/2002 7:26:57	0.811	1	0	
05/04/2002 7:27:05	0.811	1	0	
05/04/2002 7:27:13	0.811	1	0	
05/04/2002 7:27:21	0.811	1	0	
05/04/2002 7:27:29	4.155	1	0	
05/04/2002 7:27:37	0.709	1	0	
05/04/2002 7:27:45	0.811	1	0	
05/04/2002 7:27:53	0.811	1	0	
05/04/2002 7:28:01	0.709	1	0	
05/04/2002 7:28:09	0.709	1	0	
05/04/2002 7:28:17	3.952	1	0	
05/04/2002 7:28:25	2.736	1	0	
05/04/2002 7:28:33	0.811	1	0	
05/04/2002 7:28:41	389.056	0	0	389.056
05/04/2002 7:28:49	53.306	0	0	53.306
05/04/2002 7:28:57	55.739	0	0	55.739
05/04/2002 7:29:05	51.178	0	0	51.178
05/04/2002 7:29:13	41.247	0	0	41.247

FIGURE 16

TYPICAL QUARRY Kwatts Tonnage report With TEMPERATURE Effect

Temperature am			-6.800	Degrees Celcius		
Temperature pm			-5.700	Degrees Celcius	Conversion formula	temperature
No load kwatt =			12.400		203.846	Feb-13 -19
Start up kwatts =			21.000		222.018	Jan-30 -15
Time No-Load kwatt	10.000	minutes	0.167	hours	310.794	Apr-03 -6.5 used
Time Start-Up kwatts	0.000	minutes	0.000	hours		
Total Production time	2.058	hours	1.891	hours	309.306	ideal
Average kwatt for day			14.018	kwatts		
Average Tonnage by formula			310.794	te/hr		
Actual Scale Reading			585.000	tonnes		
Total tonnage by GT analyzer =			587.814	tonnes	586.941	tonnes totalized
difference			2.814	tonnes	1.9410	tonnes

Time of data Reading	Actual Kwatt Reading	Count No-Load	Count Over-load	Conditioned kwatt	tonnes/hour on conveyor	Tonnes on conveyor
03/04/2003 14:07:38	14.69497	0	0	14.695	361.916	0.804
03/04/2003 14:07:46	14.06031	0	0	14.060	314.021	0.698
03/04/2003 14:07:54	13.37682	0	0	13.377	262.442	0.583
BREAK						
03/04/2003 16:09:46	12.8398	0	0	12.840	221.916	0.493
03/04/2003 16:09:54	12.66892	0	0	12.669	209.020	0.464
03/04/2003 16:10:02	12.59569	0	0	12.596	203.494	0.452
03/04/2003 16:10:10	12.86421	0	0	12.864	223.758	0.497
03/04/2003 16:10:18	12.98626	0	0	12.986	232.968	0.518
03/04/2003 16:10:26	12.88862	0	0	12.889	225.600	0.501
03/04/2003 16:10:34	13.0839	0	0	13.084	240.337	0.534
03/04/2003 16:10:42	13.13272	0	0	13.133	244.021	0.542
03/04/2003 16:10:50	13.23036	0	0	13.230	251.389	0.559
03/04/2003 16:10:58	13.25477	0	0	13.255	253.231	0.563

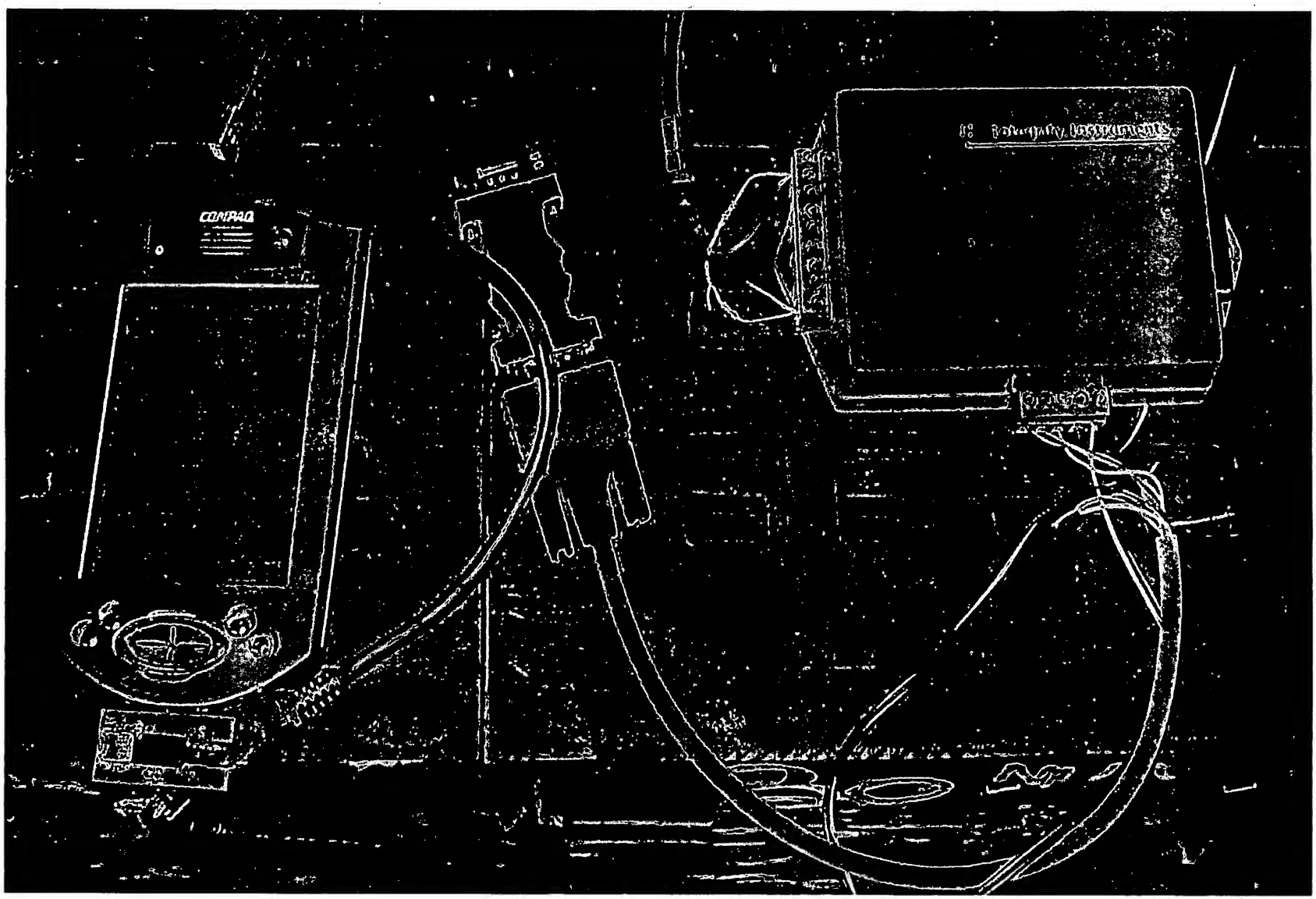


Figure 21

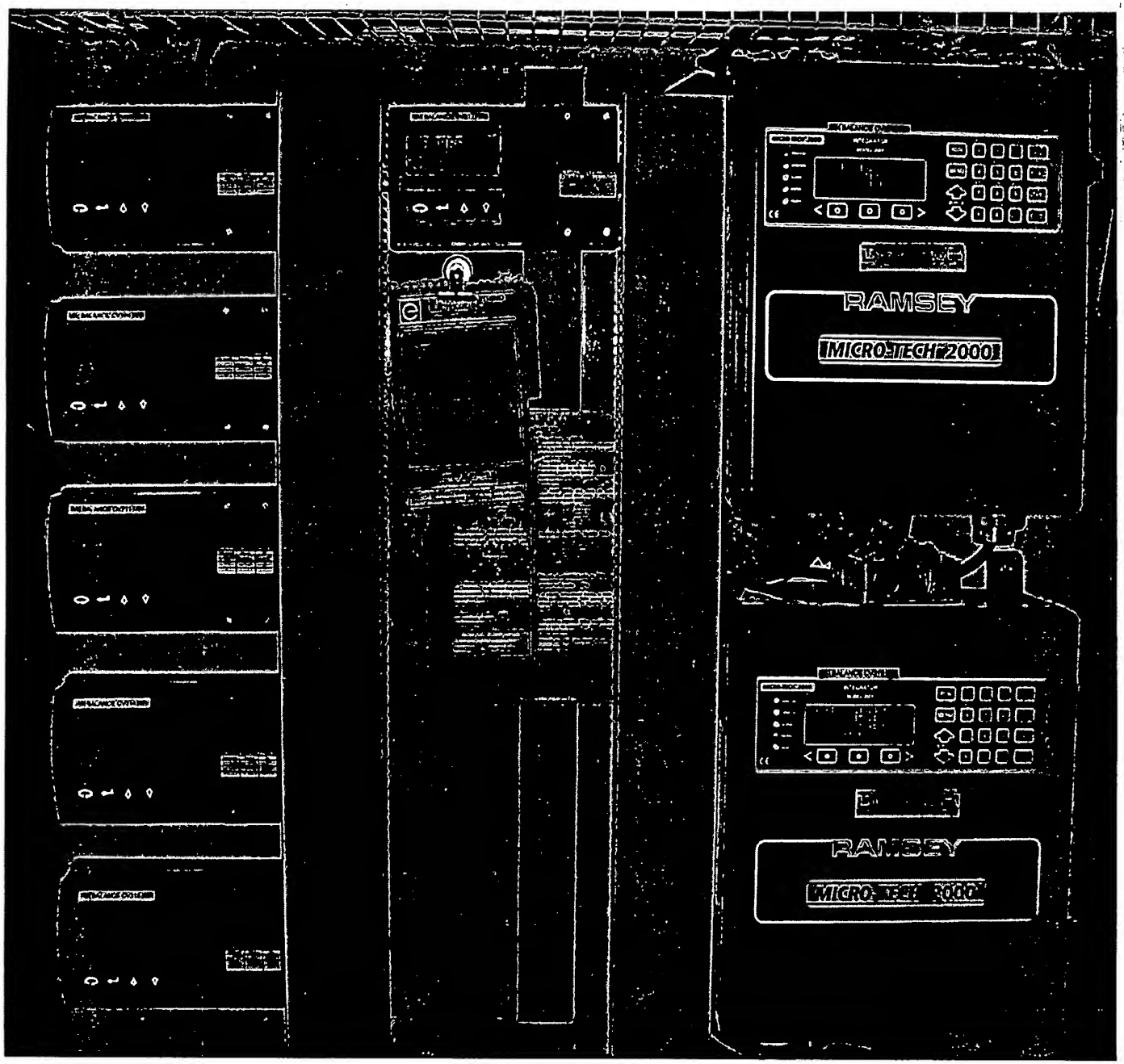
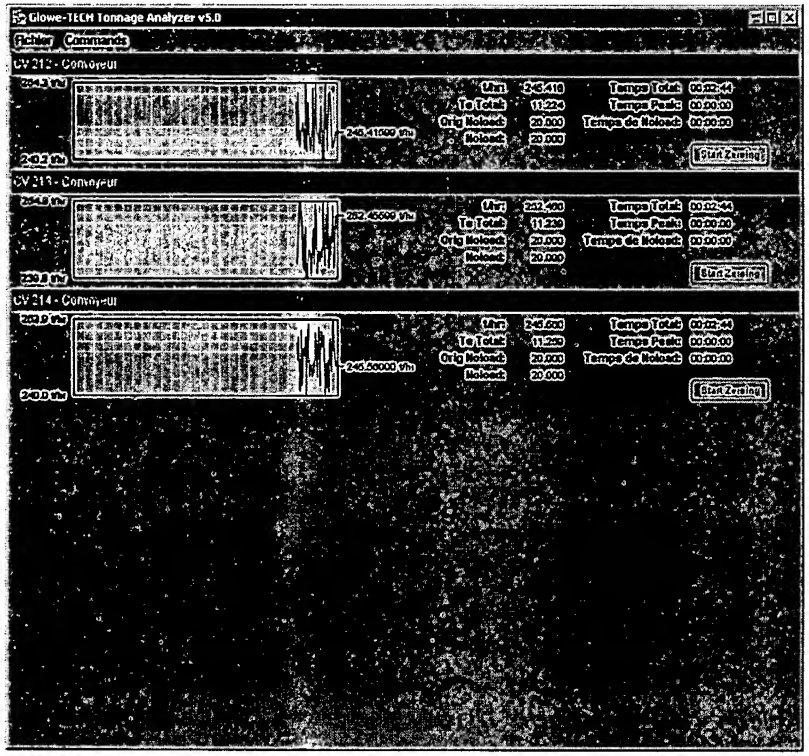


Figure 16a

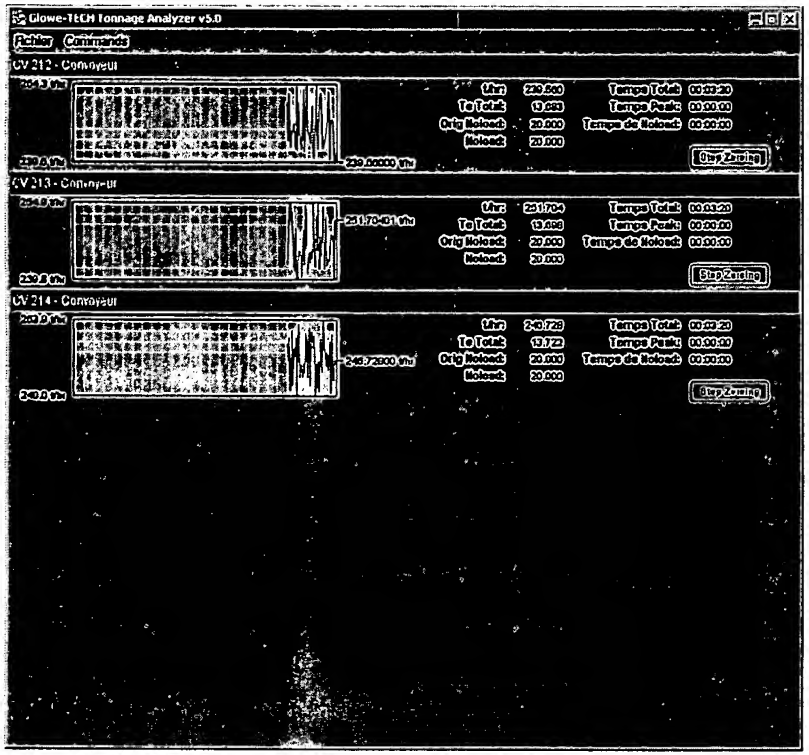
Glowe-Tech Tonnage Analyzer



- Real Time Program showing total tonnage, tph, production time, and No-Load time values

Figure 17

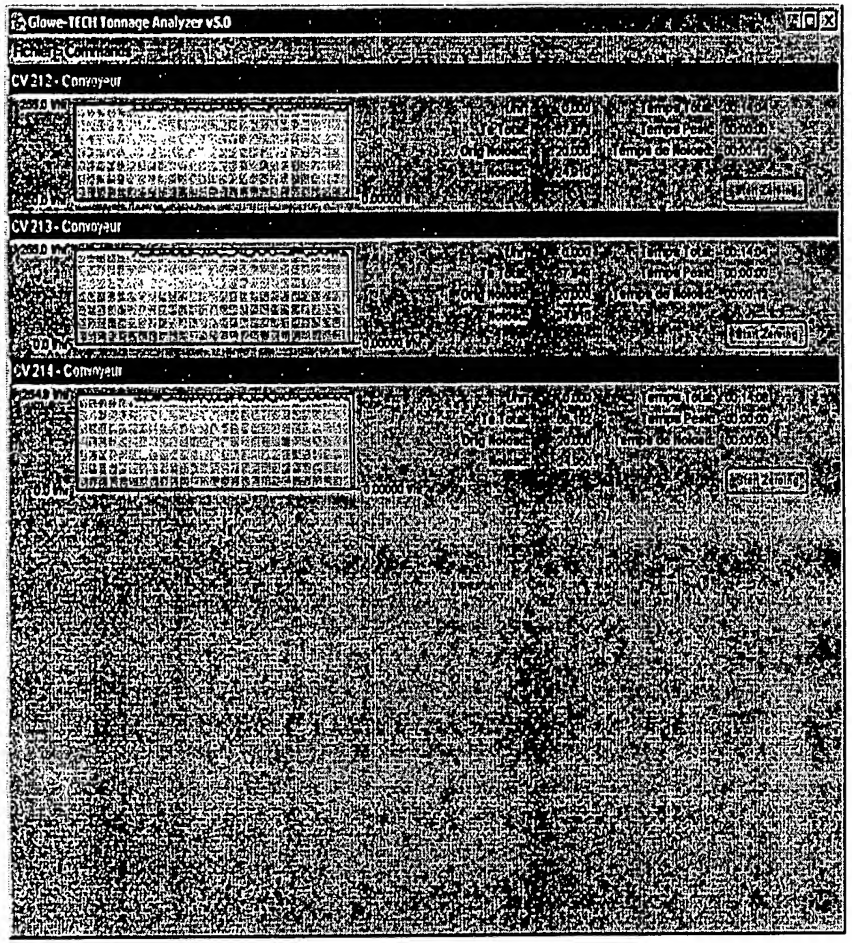
Glowe-Tech Tonnage Analyzer



- Zero test activated as shown in Red

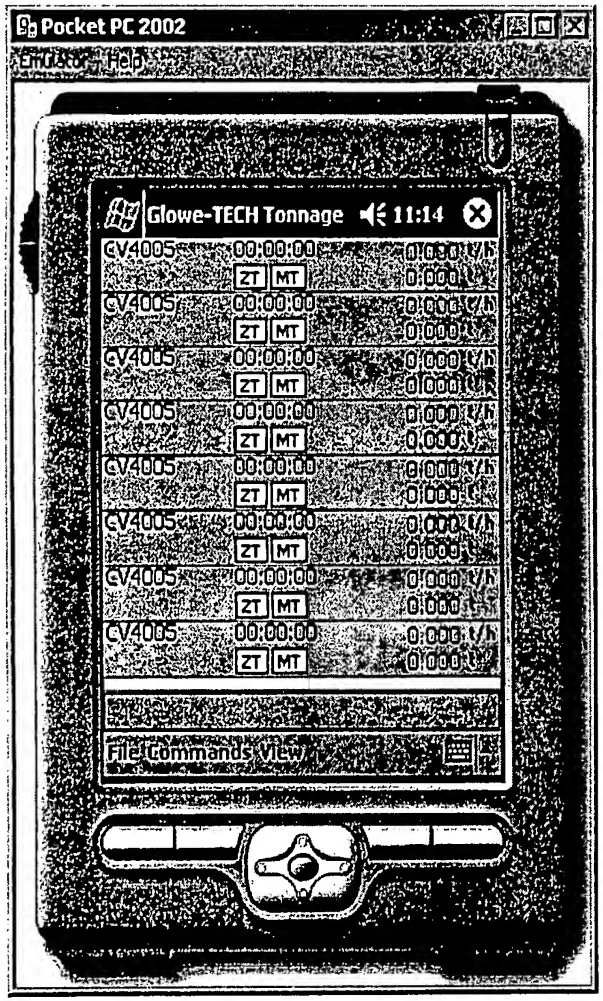
Figure 19

Glowe-Tech Tonnage Analyzer



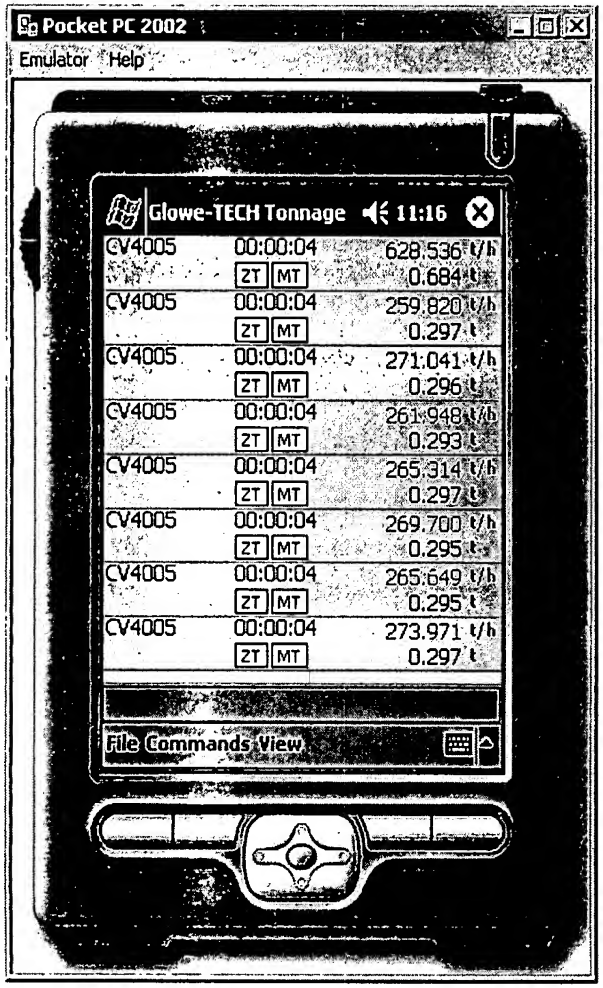
- Zero test completed and program re-calibrated

Glowe-Tech Tonnage Analyzer



- Startup showing 8 channels of data display for crusher or conveyors in Real Time mode

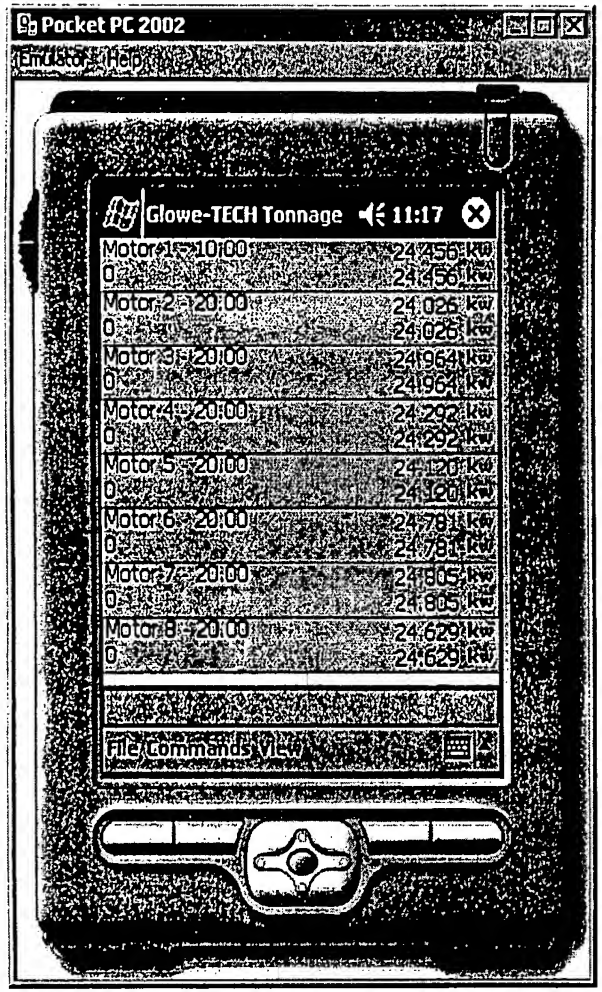
Glowe-Tech Tonnage Analyzer



- Running with tonnage values totalized and shown as tph, updated every second.

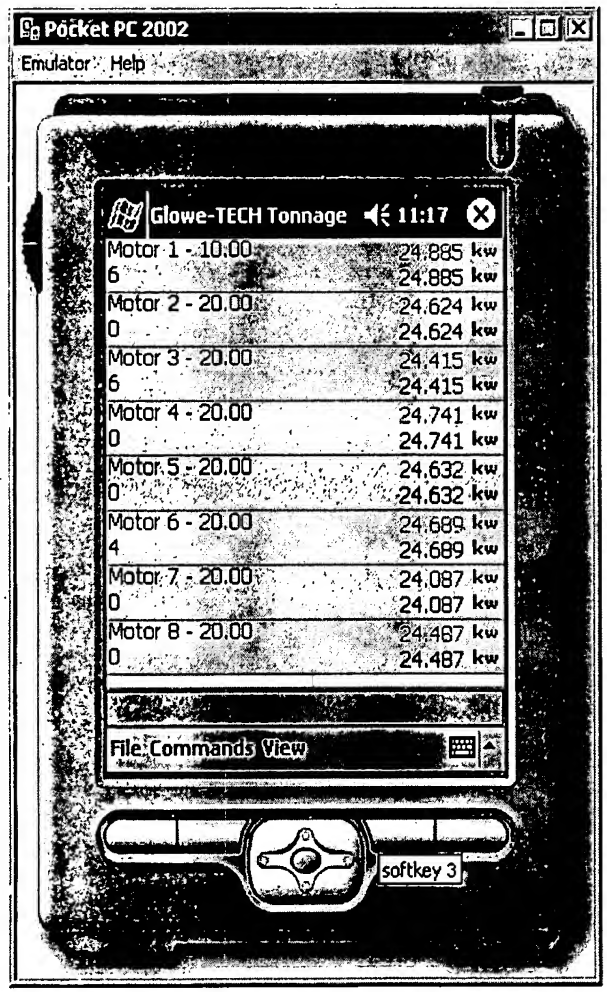
Figure 22

Glowe-Tech Tonnage Analyzer



- Crusher or conveyor Motor view with kwatt values displayed prior to Zero Test.

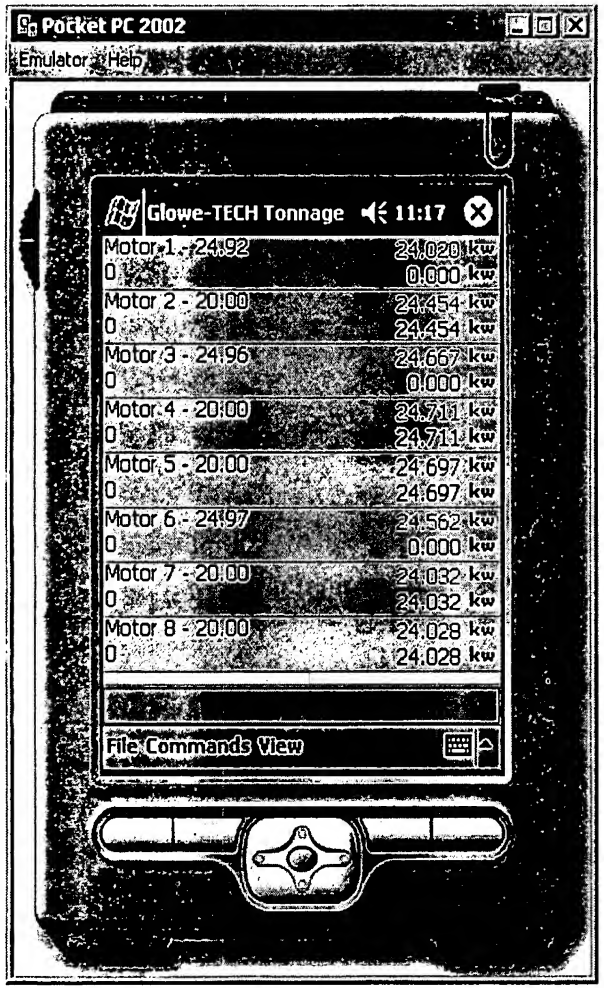
Glowe-Tech Tonnage Analyzer



- Motor view with kwatt values and a zero test in progress for motors 1, 3, and 6

Figure 23

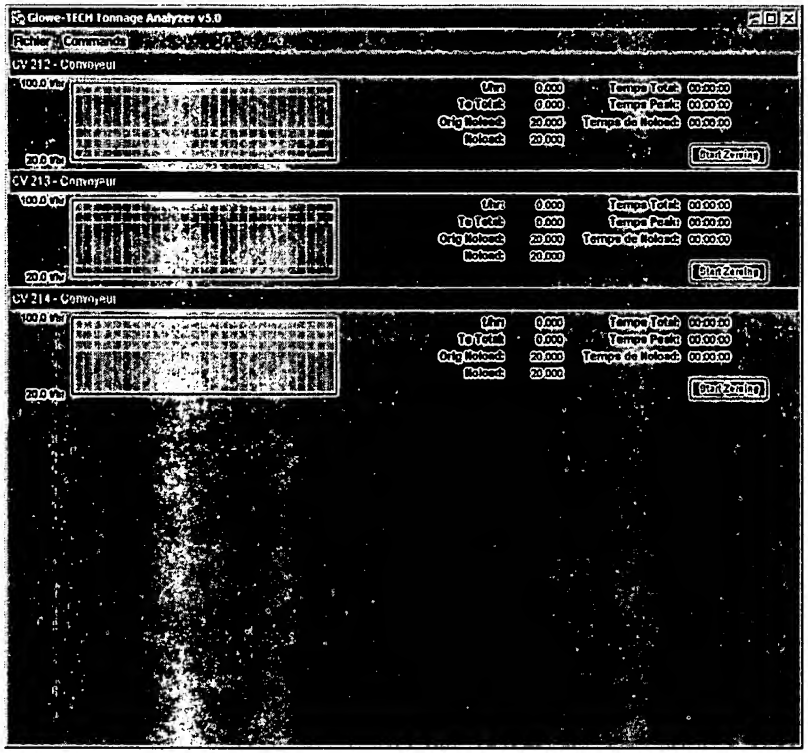
Glowe-Tech Tonnage Analyzer



- Motor view with kwatt values and finished zero tests with new No-load values for motors 1, 3, and 6

Figure 24

Glowe-Tech Tonnage Analyzer



- Program startup with graphic display of last 20 minutes of data in Real Time.

Figure 20

Glowe-Tech Tonnage Analyzer

- Daily Summary Report including Total tonnage, Production time, No-Load time and new No-load calibration value.

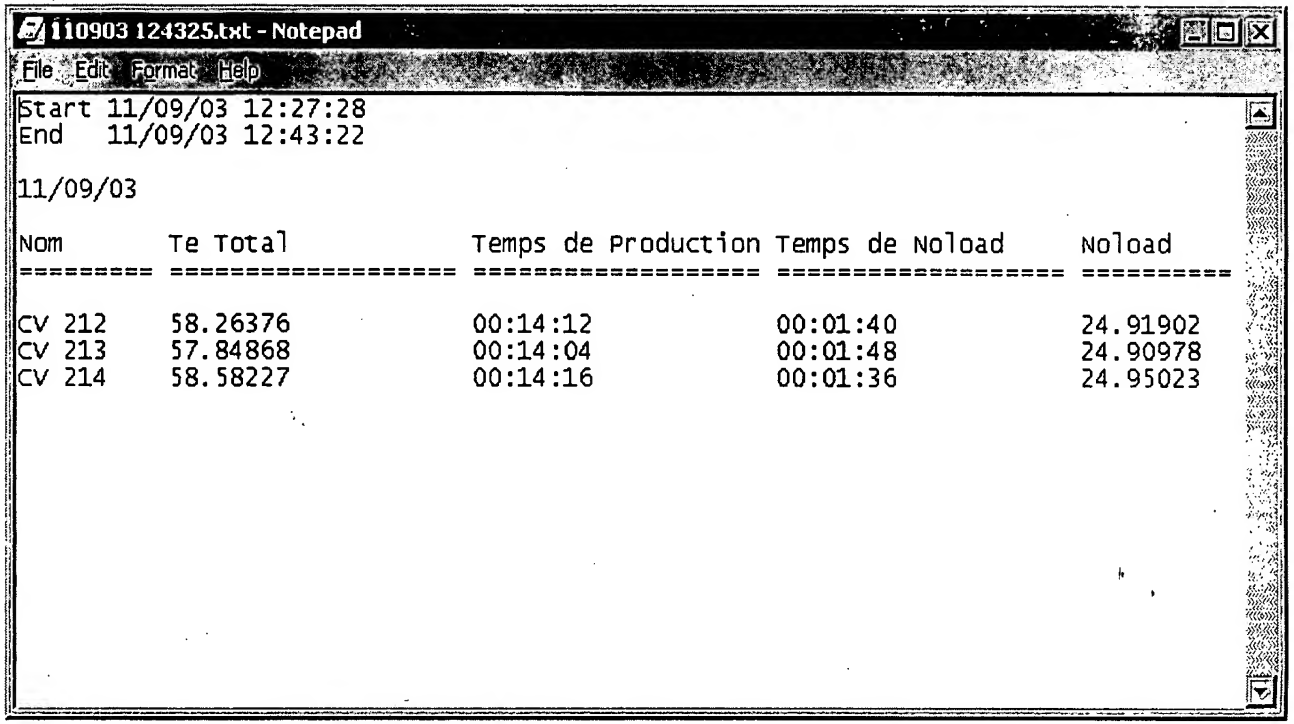
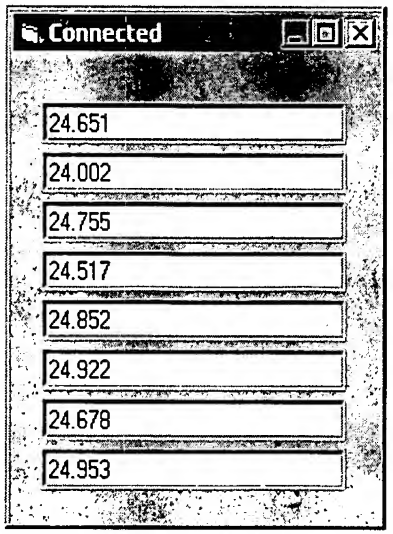


Figure 25

Glowe-Tech Tonnage Analyzer



- Screen showing raw data input coming from Data logger with values updated every 1 second with Analog Data Logger and every 4 seconds with ACR Data logger.

Figure 18